

## CytoGrow™ Recombinant IL-27 (Mouse)

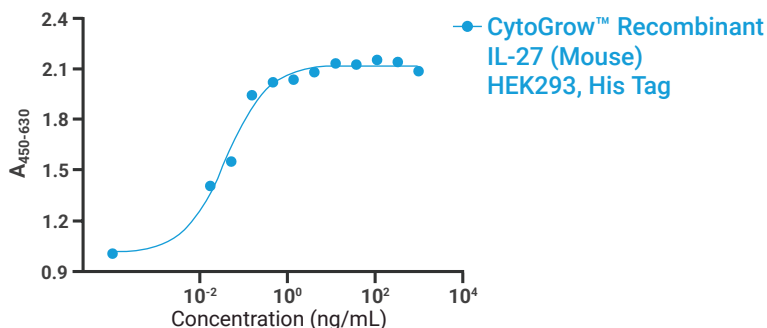
Catalog Numbers: CG051-A, CG051-B, CG051-C

Revision 1.0

### Specifications

|                       |                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonym               |                                                                                                                                                                                                                                                                |
| Species               | Mouse                                                                                                                                                                                                                                                          |
| Size                  | 10µg/50µg/1mg                                                                                                                                                                                                                                                  |
| Tag                   | A C-terminal 6-His tag                                                                                                                                                                                                                                         |
| Purity                | ≥95%                                                                                                                                                                                                                                                           |
| Endotoxin             | ≤10 EU/mg                                                                                                                                                                                                                                                      |
| Expression System     | HEK293                                                                                                                                                                                                                                                         |
| Expression Region     |                                                                                                                                                                                                                                                                |
| pH                    | 7.0-8.0                                                                                                                                                                                                                                                        |
| Appearance            | White Powder or clear liquid                                                                                                                                                                                                                                   |
| Formulation           | Lyophilized                                                                                                                                                                                                                                                    |
| Shipping              | US - Ships overnight                                                                                                                                                                                                                                           |
| Reconstitution        | Recommended to redissolve in sterile deionized water.                                                                                                                                                                                                          |
| Storage and Stability | <p>Lyophilized state:<br/>36 months at -20°C to -80°C</p> <p>After reconstitution and under sterile conditions.<br/>6 months at -20°C to -80°C<br/>7-10 days at 2°C to 8°C</p> <p>Store in a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> |

### Bioactivity



The activity is determined by a VSV inhibition assay using Wish cells.  
 The ED<sub>50</sub> is ≤1 ng/mL.

### Reconstitution

1. Reconstitute protein to concentrations of 100 µg/mL or higher.
2. Use sterile deionized water to solubilize the lyophilized protein.
3. Gently tap glass vial to help collect the powder to the bottom.
4. Add desired amount of buffer, observe after 2 min. Gentle agitation by hand may be required.
5. Prepare aliquots of solution. Freeze at -20°C to -80°C to avoid repeated freeze thaw cycles.