

## Recombinant Human IL-12(p70) Protein(His Tag)

**Catalog Number: GPMH0376**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

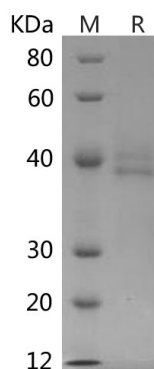
### Description

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| <b>Species</b>       | Human                                                                        |
| <b>Source</b>        | HEK293 Cells-derived Human IL-12 protein Met1-Ser219, with an C-terminal His |
| <b>Calculated MW</b> | 25.8 kDa                                                                     |
| <b>Observed MW</b>   | 38 kDa                                                                       |
| <b>Accession</b>     | P29459                                                                       |
| <b>Bio-activity</b>  | Not validated for activity                                                   |

### Properties

|                       |                                                                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 85% as determined by reducing SDS-PAGE.                                                                                                                                                                                              |
| <b>Endotoxin</b>      | < 1.0 EU/mg of the protein as determined by the LAL method                                                                                                                                                                             |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.                                                                                                                                                        |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.                                                                                                                                                  |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.                                                                                               |

### Data



> 85 % as determined by reducing SDS-PAGE.

### Background

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.