

IL-13

Catalog # PVGS1428

Product Information

Primary Accession P20109
Species Mouse

Sequence Pro22-Phe131

Purity > 95% as analyzed by SDS-PAGE

Endotoxin Level

Biological Activity ED₅₀ Expression System CHO

Formulation Lyophilized after extensive dialysis against PBS.

Reconstitution It is recommended that this vial be briefly centrifuged prior to opening to

bring the contents to the bottom. Reconstitute the lyophilized powder in

ddH₂O or PBS up to 100 □g/ml.

Storage & Stability Upon receiving, this product remains stable for up to 6 months at lower than

-70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw

cycles.

Additional Information

Other Names Interleukin-13, IL-13, T-cell activation protein P600, Il13, Il-13

Target Background Interleukin-13 (IL-13), also known as T-cell activation protein P600, is an

immunoregulatory cytokine belonging to the IL-4/IL-13 family. It is produced by activated Th2 cells, mast cells and NK cells. IL-13 signals through a receptor complex composed of IL-4R α and IL13R α 1 (or IL13R α 2). IL-13 inhibits the expression of inflammatory cytokines such as IL-1 β , TNF- α and IL-6 by monocytes and macrophages. It also induces B cell activation and IgE

secretion.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.