

Recombinant Human IL17D Protein(Sumo Tag)

Catalog Number: GPEH0494

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

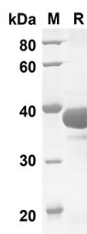
Description

Species	Human
Source	E.coli-derived Human IL17D protein Ala16-Pro202, with an N-terminal Sumo
Calculated MW	33.4 kDa
Observed MW	35-40 kDa
Accession	Q8TAD2
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	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



SDS-PAGE analysis of Human IL17D proteins, 2 µg/lane of Recombinant Human IL17D proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 33.4 KD

Background

IL17D is a secreted cytokine with homology to the IL-17 family of proteins. IL17D is preferentially expressed in skeletal muscle, brain, adipose tissue, heart, lung, and pancreas. The treatment of endothelial cells with IL17D has been shown to stimulate the production of other cytokines including IL6, IL8 and CSF2/ GM-CSF. The increased expression of IL8 induced by IL17D was found to be NF-kappa B-dependent.