

Recombinant Human IL-22 Protein

Catalog No. PDMH100030

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

Description

Synonyms	Interleukin-22;IL22;Cytokine Zcyto18;IL-10-related T-cell-derived-inducible factor;IL-TIF;ILTIF;ZCYTO18;UNQ3099/PRO10096
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Ile179
Accession	Q9GZX6
Calculated Molecular Weight	20.0 kDa
Observed molecular weight	23-35 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg 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 sterile PBS, pH 7.4, 5% trehalose, 5% mannitol, 0.01% Tween 80. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
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

Background

Cytokine that contributes to the inflammatory response in vivo.

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