

Recombinant Human Interleukin-35/IL-35 (C-Fc)

Catalog No. PKSH033974

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

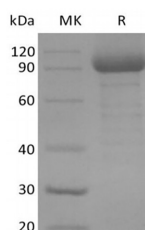
Description

Synonyms	Interleukin 35; IL35; hIL35
Species	Human
Expression Host	Human Cells
Sequence	Arg23-Ser219&Arg21-Lys229
Accession	P29459&Q14213
Calculated Molecular Weight	73.7 kDa
Observed molecular weight	80-120 kDa
Tag	C-Fc

Properties

Purity	>90% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	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 of PBS, pH 7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

Interleukin-35 is a newest and potent suppressive cytokine of the IL-12 family. Unlike other members of the IL-12 family which are produced mainly by antigen-presenting cells (APCs), IL-35 has been identified as a potentially immunosuppressive cytokine primarily produced by regulatory T (Treg) cells, and to a lesser extent by activated dendritic cells and macrophages. IL-35 is composed of the IL-12 p35 subunit and the IL-27 Epstein-Barr virus-induced protein 3 (EBI3) subunit. IL-35 plays an important role in many disease models and has been recently shown to have additional functions aside from inhibition of proliferation, including inducing its own expression in non-Treg cells.

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