

Recombinant Human IL-35 (C-Fc)

Catalog#:AC13257 Derived from Human Cells

DESCRIPTION	<p>Recombinant Human Interleukin-35 is produced by our Mammalian expression system and the target gene encoding Arg23-Ser219&Arg21-Lys229 is expressed with a Fc tag at the C-terminus.</p> <p>Accession#:P29459&Q14213</p> <p>Known as:Interleukin 35; IL35; hIL35</p>
FORMULATION	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100µg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass: 73.7kDa AP Mol Mass: 80-120kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.</p>
BACKGROUND	<p>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 IL27 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.</p>
<p>SDS-PAGE</p> 	