

Interleukin-35 Human Recombinant

Item Number	rAP-0664
Synonyms	
Description	IL35 Human Recombinant produced in HEK 293 cells is comprised of a p35 subunit from IL-12 (Accession # p29459) and a EB13 (Accession # q14213) subunit from IL-27. IL35 is a heterodimeric polypeptide chain containing 442 amino acids, with a predicted molecular weight of 49 kDa. From N terminus to C terminus,
Uniprot Accession Number	
Amino Acid Sequence	EB13 subunit:RKGPPAALTL PRVQCASRY PIAVDCSWTL PPAPNSTSPV SFIATYRLGM AARGHSWPCL QQTPTSTSTCT ITDVQLFSMA PYVLNVTAVH PWGSSSSFVP FITEHIKPD PPEGVRLSPL AERQLQVQWE PPGSWPFPEI FSLKYWIRYK RQGAARFHRV GPIEATSFIL RAVRPRARYY VQVAAQDLTD YGELSDWSLP ATATMSLGKp35 subunit:RNLPVATPDP GMFPCLHHSQ NLLRAVSNML QKARQTLEFY PCTSEEIDHE DITKDKTSTV EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL
Source	HEK 293 cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL35 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL35 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Formulation and Purity	Lyophilized from a concentrated solution containing 10mM Na2PO4 pH 7.5 and 30mM NaCl. Greater than 95.0% as determined by analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL35 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**