

Product datasheet for **AR31184PU-N**

Interleukin-35 (IL35) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Interleukin-35 (IL35) human recombinant protein, 10 µg
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	<p><i>Alpha Subunit</i> RNLPVATPDP GMFPC LHHSQ NLLRAVSNML QKARQTLEFY PCTSEEIDHE DITKDKTSTV EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIYEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNAS</p> <p><i>Beta Subunit</i> RKGPPAALTL PRVQCRASRY PIAVDCSWTL PPAPNSTSPV SFIATYRLGM AARGHSWPCL QQTPTSTSTCT ITDVQLFSMA PYVLNVTAVH PWGSSSSSFPV FITEHIKPD PPEGVRLSPL AERQLQVQWE PPGSWPFPEI FSLKYWIRYK RQGAARFHRV GPIEATSFIL RAVRPRARYY VQVAAQDLTD YGELSDWSLP ATATMSLGK</p>
Predicted MW:	45.8 kDa
Concentration:	NA
Purity:	>90% pure by SDS-PAGE gel and HPLC analyses
Buffer:	Presentation State: Purified State: Lyophilized (0.2µ Sterile filtered) purified protein Buffer System: Lyophilized from 10mM Sodium Phosphate, pH 7.5 + 500mM NaCl + 0.5% CHAPS
Bioactivity:	Biological: Measured by its ability to inhibit proliferative activity of PBMCs.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Restore in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. Store at 2-8°C for 1 week.
Preparation:	Lyophilized (0.2µ Sterile filtered) purified protein



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Protein Description:	Recombinant Human IL-35 produced from <i>HEK293</i> cells is a glycosylated, heterodimeric protein that migrates as a diffuse band centered at an apparent molecular weight of about 60 kDa by SDS-PAGE analysis under non-reducing conditions. Recombinant Human IL-35 expressed in <i>HEK293</i> cells contains 406 amino acid residues and has a calculated molecular weight of 45.8 kDa.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_057299
Locus ID:	51162
UniProt ID:	Q9UHF1 , A0A024R8F5
Cytogenetics:	9q34.3
Synonyms:	NEU1; VE-STATIN; ZNEU1
Summary:	This gene encodes a secreted endothelial cell protein that contains two epidermal growth factor-like domains. The encoded protein may play a role in regulating vasculogenesis. This protein may be involved in the growth and proliferation of tumor cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]
Protein Families:	Secreted Protein