

Interleukin-34 Human Recombinant, HEK

Item Number	rAP-0694
Synonyms	Interleukin 34, C16orf77, MGC34647, IL34.
Description	Interleukin 34 Human Recombinant produced in HEK cells is a glycosylated homodimer, containing 460 amino acids and having a total molecular weight of 52.5kDa. The IL34 protein is fused to a His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q6ZMJ4
Amino Acid Sequence	NEPLEMWPLT QNEECTVTGF LRDKLQYRSR LQYMKHYFPI NYKISVPYEG VFRIANVTRL QRAQVSEREL RYLWVLVSL S ATESVQDVL L EGHPSWKYLQ EVETLLLNQV QGLTDVEVSP QGLT- DVEVSP APGPNLKLVR PKALLDNCFR VMELLYCSCC KQSSVLNWQD CEVPSQPSCS PEP SLQYAAT QLYPPPPWSP SSPPHSTGSV R PVRAQGEGL LPHHHHHHHH.
Source	HEK.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL34 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Interleukin 34 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). Please prevent freeze-thaw cycles.
Formulation and Purity	The IL34 was lyophilized from a solution containing 20mM Sodium Citrate, pH 3.0 and 75mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Interleukin-34 in sterile 18M-cm H ₂ O containing 0.1% endotoxin-free recombinant HSA.
Biological Activity	The specific activity was measured by its ability to induce secretion of MCP-1 from PBMCs.
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**