

Product datasheet for **TP723763**

Interleukin 34 (IL34) (NM_152456) Human Recombinant Protein

Product data:

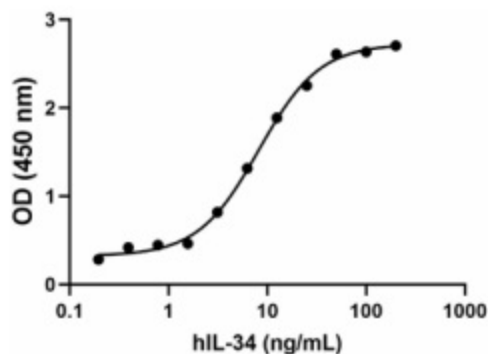
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human interleukin 34 (IL34), transcript variant 1
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	Human IL-34, the region of Met1 - Pro242, from gene Accession# NM_152456.2 with a C-terminal 8His tag
Tag:	C-His
Predicted MW:	26.7 kDa
Concentration:	lot specific
Purity:	>95%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH ₂ PO ₄ , 0.5 M NaCl, pH 7.4
Bioactivity:	Human IL-34 induces MCP-1 (CCL2) production in human peripheral blood mononuclear cells (PBMC) in a dose-dependent manner. The ED50 for this effect is 4 - 20 ng/mL.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_689669
Locus ID:	146433
UniProt ID:	Q6ZMJ4 , A0A024QZ87
RefSeq Size:	1796
Cytogenetics:	16q22.1
RefSeq ORF:	726
Synonyms:	C16orf77; IL-34



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Summary:

Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]).[supplied by OMIM, May 2008]

Product images:

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