

Product datasheet for **TP306629M**

Interleukin 34 (IL34) (NM_152456) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human interleukin 34 (IL34), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206629 protein sequence
Red=Cloning site **Green**=Tags(s)

MPRGFTWLRYLGI FLGVALGNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQYMKHYFPINYKISVPYEG
VFRIANVTRLQRAQVSERELRYLWVLVLSLATESVQDVLLLEGHPSWKYLQEVQTLLLNQQGLTDVEVSP
KVESVLSLLNAPGPNLKLVRPKALLDNCFRVMELLYCSCCKQSSVLNWQDCEVPSQPQSCPEPSLQYAAT
QLYPPPPWSPSSPPHSTGSVRPVRAQGEGLLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 27.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_689669](#)

Locus ID: 146433

UniProt ID: [Q6ZMJ4](#), [A0A024QZ87](#)



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RefSeq Size: 1796

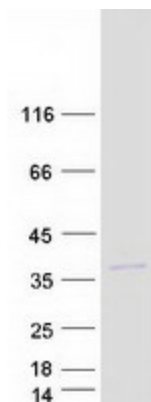
Cytogenetics: 16q22.1

RefSeq ORF: 726

Synonyms: C16orf77; IL-34

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:



Coomassie blue staining of purified IL34 protein (Cat# [TP306629]). The protein was produced from HEK293T cells transfected with IL34 cDNA clone (Cat# [RC206629]) using MegaTran 2.0 (Cat# [TT210002]).