

## Product datasheet for **TP306629**

### Interleukin 34 (IL34) (NM\_152456) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human interleukin 34 (IL34), 20 µg

**Species:** Human

**Expression Host:** HEK293T

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

MPRGFTWLRYLGI FLGVALGNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQYMKHYFPIN YKISVPYEG  
VFRIANVTRLQRAQVSERELRYLWVLVLSLATESVQDVLLLEGHPSWKYLQEVQTLLLN VQQGLTDVEVSP  
KVESVLSLLNAPGPNLKLVRPKALLDNCFRVMELLYCSCCKQSSVLNWQDCEVPS PQSCSPEPSLQYAAT  
QLYPPPPWSPSSPPHSTG SVRPVRAQGEGLLP

**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

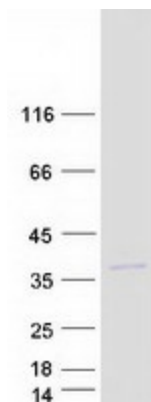
Cytogenetics: 16q22.1

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]).