

Product datasheet for PH306629

Interleukin 34 (IL34) (NM_152456) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IL34 MS Standard C13 and N15-labeled recombinant protein (NP_689669)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206629
Predicted MW:	27.5 kDa
Protein Sequence:	>RC206629 protein sequence Red=Cloning site Green=Tags(s) MPRGFTWLRYLGI FLGVALGNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQYMKHYFPIN YKISVPYEG VFRIANVTRLQRAQVSERELRYLWLVLSLATESVQDVLLEGHPSWKYLQEVQTL LLLNVQQGLTDVEVSP KVESVLSLLNAPGPNLKLVRPKALLDNCFRVMELLYCSCCKQSSVLNWQDCEVPSQPSCSPEPSLQYAAT QLYPPPPWSPSSPPHSTGSRPVRAQGEGLLP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_689669
RefSeq Size:	1796
RefSeq ORF:	726
Synonyms:	C16orf77; IL-34
Locus ID:	146433
UniProt ID:	Q6ZMJ4 , A0A024QZ87

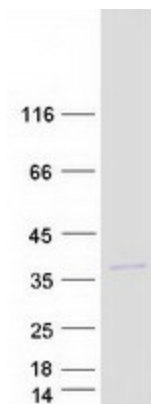


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Cytogenetics: 16q22.1

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]).