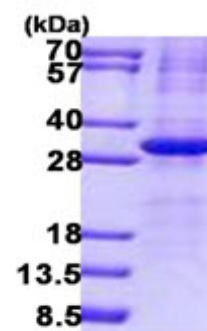


AR50814PU-N

Human Interleukin-34 / IL34 (21-242, His-tag) - Purified

Alternate names:	C16orf77, IL-34
Quantity:	0.25 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	IL34, also known as Interleukin 34, is a protein belonging to a group of cytokines called interleukins. This protein increases growth or survival of immune cells known as monocytes; it elicits its activity by binding the Colony stimulating factor 1 receptor. It also has a potential role in viral infection, the adaptive immune response and bone marrow cell proliferation.
Uniprot ID:	Q6ZMI4
NCBI:	NP_689669
GeneID:	146433
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Description:	Recombinant human IL34 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMNE PLEMWPLTQN EECTVTGFLR DKLQYRSRLQ YMKHYFPINY KISVPYEGVF RIANVTRLQR AQSERELRY LWVLVLSAT ESVQDVLLEG HPSWKYLQEV QTLLLNQVQG LTDVEVSPKV ESVLSLLNAP GPNLKLVRPK ALLDNCFRVM ELLYCSCCKQ SSVLWQDCE VPSPQSCSPE PSLQYAATQL YPPPPWSPSS PPHSTGSRVP VRAQGEGLLP Molecular weight: 29.6 kDa (260aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Lin H. et al. (2008) Science. 320:807-811.Wang Y. et al. (2012) Nat Immunol. 13:753-760.

Pictures:



15% SDS-PAGE (3ug)