

Recombinant Mouse IL34 Protein, His-tagged

Cat. No. IL34-7418M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL34 protein, fused to His-tag at N-terminus, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	21-235
Description	Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1.
Form	Liquid
Molecular Mass	26.8 kDa
AA Sequence	MGSSHHHHHSSGLVPRGSHMNENLEIWTLTQDKECDLTGYLRGKLQYKNRLQYM KHYFPINYRIAPVPEGVLRVANITRLQKAHVSERELRYLWVLVSLNATESVMDVLLEG HPSWKYLQEVQTLLENVQRSLMDVEIGPHVEAVLSLLSTPGLSLKLVRPKALLDNCF RVMELLYCSCCKQSPILKWQDCELPRLHPHSPGSLMQCTATNVYPLSRQTPTSLPG SPSSSHGSLP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 85 % by SDS-PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	0.5 mg/mL (determined by BRADFORD assay)
Storage Buffer	20 mM Tris-HCl buffer (pH 8.0) containing 10 % Glycerol.

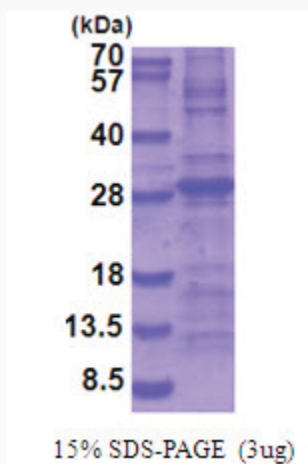
GENE INFORMATION

Gene Name	Il34 interleukin 34 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Il34
Synonyms	Il34; interleukin 34; AI593503; 2010004A03Rik; interleukin-34
Gene ID	76527
mRNA Refseq	NM_001135100
Protein Refseq	NP_001128572
UniProt ID	Q8R1R4

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SDS-PAGE

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