

## Product datasheet for **AR51771PU-N**

### Interleukin-34 / IL34 (21-235, His-tag) Mouse Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Interleukin-34 / IL34 (21-235, His-tag) mouse recombinant protein, 0.25 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MNENLEIWTL TQDKECDLTG YLRGKLQYKN RLQYMKHYFP INYRIAVPYE GVLRVANITR LQKAHVSERE LRYLWVLVSL NATESVMDVL LEGHPSWKYL QEVQTLEENV QRSLMDVEIG PHVEAVLSLL STPGLSLKLV RPKALLDNCF RVMELLYCSC CKQSPILKWQ DCELPRLHPH SPGSLMQCTA TNVYPLSRQT PLSLPGSPSS SHGSLP
Tag:	His-tag
Predicted MW:	26.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% Glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant Mouse IL34 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001128572</a>
Locus ID:	76527
UniProt ID:	<a href="#">Q8R1R4</a>
Cytogenetics:	8 E1
Synonyms:	2010004A03Rik; AI593503



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**Summary:**

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 (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**