

Recombinant Human Interleukin 34, GST-tagged

Cat. No. IL34-179H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Interleukin 34 was expressed as GST tag fusion protein by E. coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
Description	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)
AA-Sequence	C-222aa
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.
Storage	Lyophilized from a 0.2µm filtered solution of PBS 100mM Arg 10% glycerol, 0.1% Tween 20, pH 7.5.
Purity	Greater than 60% as determined by SDS-PAGE
Stability	The protein is stored in PBS buffer at -20 oC. Repeated freeze-thaw cycles should be avoided.
Official Symbol	IL34

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GENE INFORMATION

Gene Name	IL34 interleukin 34 [Homosapiens]
Synonyms	MT3; metallothionein 3; metallothionein 3 (growth inhibitory factor (neurotrophic)); metallothionein-3; GIF
Gene ID	146433
mRNA Refseq	NM_001172771
Protein Refseq	NP_001166242
MIM	612081
UniProt ID	Q6ZMJ4
Chromosome Location	16q22.1
Function	antioxidant activity; copper ion binding; metal ion binding; zinc ion binding

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