

Recombinant Human Interleukin 34, GST-tagged

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

SPECIFICATION

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|-------------------------|--|
| 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% Twen 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 freezethaw cycles should be avoided. |
| OfficialSymbol | IL34 |

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GENE INFORMATION

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|----------------------------|---|
| 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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