

Recombinant Human IL34 protein, Fc-tagged

Cat. No. IL34-215H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL34(Asn21-Pro242) fused with the Fc region of mouse IgG2a at N-terminal was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Asn21-Pro242
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) (Lin et al., 2008 [PubMed 18467591]).
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Molecular Mass	51 KDa
Endotoxin	<0.06 EU/µg as determined by LAL test.
Purity	>98%,by SDS-PAGE under reducing conditions.
Storage	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months. when stored at -20 centigrade.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.


 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

GENE INFORMATION

Gene Name	IL34 interleukin 34 [Homo sapiens]
Official Symbol	IL34
Synonyms	IL34; interleukin 34; C16orf77, chromosome 16 open reading frame 77; interleukin-34; IL 34; MGC34647; IL-34; C16orf77;
Gene ID	146433
mRNA Refseq	NM_001172771
Protein Refseq	NP_001166242
MIM	612081
UniProt ID	Q6ZMJ4
Chromosome Location	16q22.1
Function	cytokine activity; growth factor activity; macrophage colony-stimulating factor receptor binding;

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