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IL-34 Protein (Transcript Variant 1) (His tag)



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Quantity:	10 μg	
Target:	IL-34 (IL34)	
Protein Characteristics:	Transcript Variant 1	
Origin:	Mouse	
Source:	CHO Cells	
Protein Type:	Recombinant	
Biological Activity:	Active	
Purification tag / Conjugate:	This IL-34 protein is labelled with His tag.	
Application:	Antibody Production (AbP), Standard (STD), Functional Studies (Func), Protein Interaction (PI)	
Product Details		
Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.	
Characteristics:	Recombinant human Interleukin-34 / IL34 (transcript variant 1) protein expressed in CHO cells.	
	Produced with end-sequenced ORF clone	
	Tested for bioactivity.	
Purity:	> 98 % , as determined by Coomassie stained SDS-PAGE.	
Endotoxin Level:	Less than 0.01 ng per µg protein as determined by the LAL method.	
Biological Activity Comment:	The ED50 is 20 - 30 ng/ml, corresponding to a specific activity of 3.3 - 5 x 10^4 units/mg,	
	determined by M-NFS-60 cell proliferation induction in a dose dependent manner.	

Target Details

Target:	IL-34 (IL34)
Alternative Name:	Interleukin-34,il34 (IL34 Products)
Molecular Weight:	26 kDa
NCBI Accession:	NP_001128572
Pathways:	RTK Signaling

Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
	Protein-protein interaction
	In vitro biochemical assays and cell-based functional assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	> 50 µg/mL
Buffer:	10 mM NaH2PO4, 0.5 M NaCl, pH 7.4
Storage:	-80 °C
Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	