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IL34 Human, Sf9

Interleukin 34 Human Recombinant, Sf9
CYK0430

Product Overview

Name	IL34 Human, Sf9
Description	
Interleukin 34 Human Recombinant, Sf9	
Accession (Primary)	Q6ZMJ4
Synonyms	
Interleukin-34, IL-34, IL34, C16orf77, Chromosome 16 Open Reading Frame.	
Introduction	
Interleukin 34 (IL34) is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor and is a part of a group of cytokines called interleukins. IL34 increases growth or survival of immune cells known as monocytes. IL34 protein obtains its activity by binding the Colony stimulating factor 1 receptor. Interleukin 34 has also a potential part in viral infection, the adaptive immune response and bone marrow cell proliferation. Furthermore, IL34 plays an important role in innate immunity and in inflammatory processes.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
IL34 protein solution (0.25mg/ml) contains 20mM Tris-Hcl buffer (pH8.5) 1mM DTT, 0.15M NaCl, 0.1mM PMSF, 1mM EDTA and 30% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
ADP NEPLEMW PLTQNEECTV TGFLRDKLQY RSRLQYMKHY FPINYKISVP YEGVFRIANV TRLQRAQVSE RELRYLWVLV SLSATESVQD VLLEGHPSWK YLQEVQTLLL NVQQGLTDVE VSPKVESVLS LLNAPGPNLK	

LVRPKALLDN CFRVMELLYC SCCKQSSVLN WQDCEVPSPQ SCSPEPSLQY AATQLYPPPP WSPSSPPHST GSVRPVRAQG EGLLP HHHHH H .

Precautions

IL34 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6ZMJ4)