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IL34 Mouse

Interleukin 34 Mouse Recombinant
CYK0431

Product Overview

Name	IL34 Mouse
Description	
Interleukin 34 Mouse Recombinant	
Accession (Primary)	Q8R1R4
Synonyms	
Interleukin-34, IL-34, Il34.	
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	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
IL34 protein solution (0.5mg/ml) in 20mM Tris-HCl buffer (pH 8.0) and 10% 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 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M NENLEIWTL TQDKECDLTG YLRGKLQYKN RLQYMKHYFP INYRIAVPYE GVLRVANITR LQKAHVSERE LRYLWVLVSL NATESVMDVL LEGHPSWKYL QEVQTLLENV QRSLMDVEIG PHVEAVLSLL STPGLSLKLV RPKALLDNCF RVMELLYCSC CKQSPILKWQ DCELPRLHPH SPGSLMQCTA	

TNVYPLSRQT PTSLPGSPSS SHGSLP.

Precautions

IL34 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8R1R4)