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32-6478: IL34 Mouse

Alternative Name : Interleukin-34, IL-34, Il34.

Description

Source: E.coli.
Sterile Filtered colorless solution.
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.
IL34 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (21-235 a.a) and having a molecular mass of 26.8kDa.IL34 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	IL34 protein solution (0.5mg/ml) in 20mM Tris-HCl buffer (pH 8.0) and 10% Glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MNENLEIWTL TQDKECDLTG YLRGKLQYKN RLQYMKHYFP INYRIAVPYE GVLRVANITR LQKAHVSERE LRYLWVLVSL NATESVMDVL LEGHPSWKYL QEVQTLLENV QRSLMDVEIG PHVEAVLSLL STPGLSLKLV RPKALLDNCF RVMELLYCSC CKQSPILKWQ DCELPRLHPH SPGSLMQCTA TNVYPLSRQT PTSLPGSPSS SHGSLP.

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