

32-1520: IL34 Recombinant Protein

Alternative Name : Interleukin 34,C16orf77,MGC34647,IL34.

Description

Source : E.coli. IL34 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 260 amino acids (21-242 a.a) and having a molecular mass of 29.6kDa. IL34 is fused to a 38 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The IL34 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
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 :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMNE PLEMWPLTQN EECTVTGFLR DKLQYRSRLQ YMKHYFPINY KISVPYEGVF RIANVTRLQR AQVSERELRY LWVLVLSLQAT ESVDVLLG HPSWKYLQEV QTTTTNVQOG LTDVEVSPKV ESVLSLLNAP GPNLKLVRPK ALLDNCFRVM ELLYCSCCKQ SSVLNWQDCE VPSPQCSPE PSLQYAATQL YPPPPWSPSS PPHSTGSRP VRAQGEGLLP.