9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL34 Human, His

Interleukin 34 Human Recombinant, His Tag
CYK0429

Product Overview

Name	IL34 Human, His
Description	
Interleukin 34 Human Recombinant, His Tag	
Accession (Primary)	Q6ZMJ4
Synonyms	
Interleukin 34, C16orf77, MGC34647, 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	
The IL34 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.	
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	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHM NE PLEMWPLTQN EECTVTGFLR DKLQYRSRLQ YMKHYFPINY KISVPYEGVF RIANVTRLQR AQVSERELRY LWVLVSLSAT ESVQDVLLEG HPSWKYLQEV QTLLLNVQQG LTDVEVSPKV ESVLSLLNAP GPNLKLVRPK ALLDNCFRVM ELLYCSCCKQ SSVLNWQDCE	

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VPSPQSCSPE PSLQYAATQL YPPPPWSPSS PPHSTGSVRP VRAQGEGLLP.

Precautions

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

Target Information: (Q6ZMJ4)