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

IL3RA Human

Interleukin-3 Receptor Subunit Alpha Human Recombinant
CYK0449

Product Overview

Name	IL3RA Human
Description	
Interleukin-3 Receptor Subunit Alpha Human Recombinant	
Accession (Primary)	P26951
Synonyms	
Interleukin 3 Receptor Subunit Alpha, Interleukin 3 Receptor, Alpha (Low Affinity), IL-3 Receptor Subunit Alpha, IL-3R Subunit Alpha, CD123 Antigen, IL-3R-Alpha, IL-3RA, IL3R, Interleukin-3 Receptor Subunit Alpha, IL-3 Receptor Alpha SP2 Isoform, HIL-3Ra, IL3RAY, CD123, IL3RX, IL3RY, IL3RA.	
Introduction	
IL3RA, also known as Interleukin 3 Receptor Subunit Alpha, is a single-pass type 1 membrane protein which is a member of the type 1 cytokine receptor family as well as type 5 subfamily. IL3RA is a pleiotropic cytokine which is produced mainly by activated T cells or mast cells. Moreover, the specific alpha subunit of the interleukin 3 receptor is strongly expressed in a variety of leukemic blasts as well as leukemic stem cells and appears to be a great target for the therapy of leukemias.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL3RA protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADL KEDPNPP ITNLRMKAKA QQLTWDLNRN VTDIECVKDA DYSMPAVNNS YCQFGAISLC EVTNYTVRVA NPPFSTWILF PENSGKPWAG AENLTCWIHD VDFLSCSWAV GPGAPADVQY DLYLNVANRR QQYECLHYKT	

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DAQGTRIGCR FDDISRLSSG SQSSHILVRG RSAAFGIPCT DKFVVFSQIE ILTPPNMTAK CNKTHSFMHW KMRSHFNRKF RYELQIQKRM QPVITEQVRD RTSFQLLNPG TYTVQIRARE RVYEFLSAWS TPQRFECDQE EGANTRAWR H HHHHH.

Precautions

IL3RA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P26951)