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

IL3RA Mouse

Interleukin-3 Receptor Subunit Alpha Mouse Recombinant
CYK0450

Product Overview

Name	IL3RA Mouse
Description	
Interleukin-3 Receptor Subunit Alpha Mouse Recombinant	
Accession (Primary)	P26952
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 20mM Tris-HCL, 30% glycerol & 0.1M NaCl (pH-8).	
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	
SDLAAVREAP PTAVTTPIQN LHIDPAHYTL SWDPAPGADI TTGAFCRKGR DIFVWADPGL ARCSFQSLSL CHVTNFTVFL GKDRAVAGSI QFPPDDDGDH EAAAQDLRCW VHEGQLSCQW ERGPKATGDV HYRMFWRDVR	

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LGPAHNRECP HYHSLDVNTA GPAPHGGHEG CTLDLDTVLG STPNSPDLVP QVTITVNGSG RAGPVPCMDN TVDLQRAEVL APPTLTVECN GSEAHARWVA RNRFHHGLLG YTLQVNQSSR SEPQEYNVSI PHFWVPNAGA ISFRVKSRSE VYPRKLSSWS EAWGLVCPPE VMPVK LEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH

Precautions

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

Target Information: (P26952)