

Datasheet for ABIN6388144

IL3RA Protein (AA 20-305) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	IL3RA
Protein Characteristics:	AA 20-305
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL3RA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>KEDPNPP ITNLRMKAKA QQLTWDLNRN VTDIECVKDA DYSMPAVNNS YCQFGAISLC</p> <p>EVTNYTVRVA NPPFSTWILF PENSGKPWAG AENLTCWIHD VDFLSCSWAV GPGAPADVQY</p> <p>DLYLNVANRR QQYECLHYKT DAQGTRIGCR FDDISRLSSG SQSSHILVRG RSAAFGIPCT</p> <p>DKFVVFSQIE ILTPPNMTAK CNKTHSFMHW KMRSHFNRFK RYELQIQKRM QPVITEQVRD</p> <p>RTSFQLLNPG TYTVQIRARE RVYEFLSAWS TPQRFECDQE EGANTRAWR</p>
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	IL3RA
Alternative Name:	IL-3R alpha/IL3RA (IL3RA Products)

Target Details

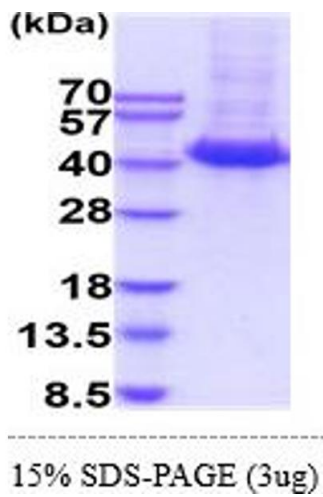
Background:	IL3RA, also known as interleukin 3 receptor subunit alpha isoform 1, is a single-pass type 1 membrane protein which belongs to the type 1 cytokine receptor family and type 5 subfamily. This protein is a pleiotropic cytokine produced primarily by activated T cells or mast cells. Also, the specific alpha subunit of the interleukin 3 receptor is strongly expressed in various leukemic blasts and leukemic stem cells and seems to be an excellent target for the therapy of leukemias. Recombinant human IL3RA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	34.1 kDa (295aa)
NCBI Accession:	NP_002174
UniProt:	P26951
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.