

Datasheet for ABIN5854826

CD5 Protein (CD5) (AA 25-372) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	CD5
Protein Characteristics:	AA 25-372
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPEFRLSWY DPDFQARLTR SNSKCQGQLE VYLKDGWHMV CSQSWGRSSK QWEDPSQASK VCQRLNCGVP LSLGPFLV TY TPQSSIIICYG QLGSFSNCSH SRNDMCHSLG LTCLEPQKTT PPTTRPPPTT TPEPTAPPRL QLVAQSGGQH CAGVVEFYSG SLGGTISYEA QDKTQDLENF LCNNLQCGSF LKHLPETEAG RAQDPGEPRE HQPLPIQWKI QNSSCTSLEH CFRKIKPQKS GRVLALLCSG FQPKVQSRLV GGSSICEGTV EVRQGAQWAA LCDSSSARSS LRWEEVCREQ QCGSVNSYRV LDAGDPTSRG LFCPHQKLSQ CHELWERNYS CKKVFVTCQD PNPHHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD5
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Target Details

Alternative Name: [CD5 \(CD5 Products\)](#)

Background: CD5, as known as T-cell surface glycoprotein CD5, is a transmembrane glycoprotein in the scavenger receptor superfamily. This protein was found expressed in small lymphocytic lymphoma, hairy cell leukemia and mantle cell lymphoma cells. CD5 expression on developing thymocytes is positively regulated by signaling through the T cell antigen receptor and is up-regulated peripheral CD4+ cell. Also, its Signaling inhibits the generation of regulatory T cells but promotes the development of Th17 cells. Recombinant human CD5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 40.0kDa (359aa) 40-57kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_055022](#)

UniProt: [P06127](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

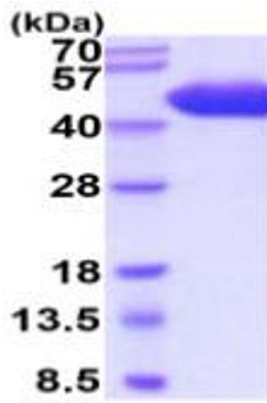
Format: Liquid

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 +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.