

Datasheet for ABIN5854880
CD7 Protein (CD7) (AA 26-180) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD7
Protein Characteristics:	AA 26-180
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLAQEVQQS PHCTTVPVGA SVNITCSTSG GLRGIYLRQL GPQPQDIYY EDGVVPTTDR RFRGRIDFSG SQDNLTITMH RLQLSDTGTY TCQAITEVNV YGSGTLVLVT EEQSQGWHRC SDAPPRASAL PAPPTGSALP DPQTASALPD PPAASALPHH HHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD7
Alternative Name:	CD7 (CD7 Products)
Background:	CD7, also known as T-cell antigen CD7, is glycosylated and palmitoylated transmembrane protein in the immunoglobulin superfamily. It is expressed on T cells, NK cells, myeloid

Target Details

progenitor cells, and CD19+ B progenitor cells. Among CD8+ T cells, the CD7-bright population preferentially contains naive and memory cells, while more weak expressors are primarily effector cells. Recombinant human CD7 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 17.5kDa (164aa) 18-28KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_006128](#)

UniProt: [P09564](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

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

Restrictions: For Research Use only

Handling

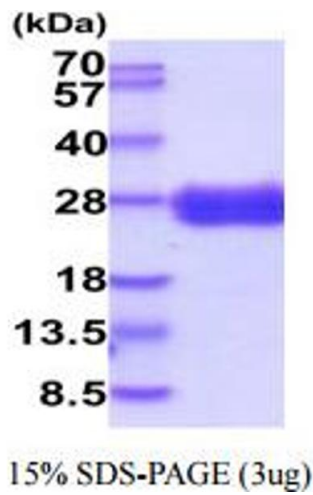
Format: Liquid

Concentration: 1.0 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.



SDS-PAGE

Image 1.