

Cluster Of Differentiation 7 (CD7) Protein | CD7 protein

Eukaryotic Cluster Of Differentiation 7 (CD7)

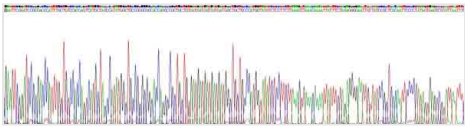
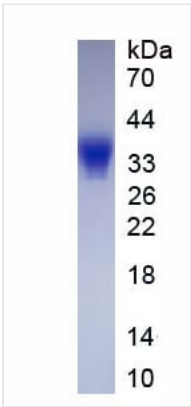
CATALOG # AAA150991	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cluster Of Differentiation 7 (CD7); Eukaryotic Cluster Of Differentiation 7 (CD7); CD7/Cluster Of Differentiation 7; GP40; LEU9; TP41; Tp40; p41 Protein; T-cell Antigen CD7; T-cell Leukemia Antigen; T-cell surface antigen Leu-9; CD7 protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ala26~Pro1 80
Applicable Applications for CD7 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Eukaryotic expression
Organism Species	Human
Isoelectric Point	4.8
Subcellular Location	Membrane
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CD7 protein	CD & Adhesion molecule; Immune molecule; Developmental science; Eukaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453613
NCBI GeneID	924
NCBI Accession #	NP_006128.1
NCBI GenBank Nucleotide #	NM_006137.6
UniProt Accession #	P09564
Molecular Weight	25,409 Da
NCBI Official Full Name	T-cell antigen CD7
NCBI Official Synonym Full Names	CD7 molecule
NCBI Official Symbol	CD7
NCBI Official Synonym Symbols	GP40; TP41; Tp40; LEU-9
NCBI Protein Information	T-cell antigen CD7; CD7 antigen (p41); T-cell leukemia antigen; T-cell surface antigen Leu-9; p41 protein
UniProt Protein Name	T-cell antigen CD7
UniProt Gene Name	CD7
UniProt Entry Name	CD7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.