

Cluster Of Differentiation 8a (CD8a) Protein | CD8a protein

Eukaryotic Cluster Of Differentiation 8a (CD8a)

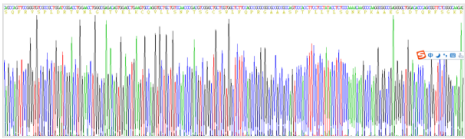
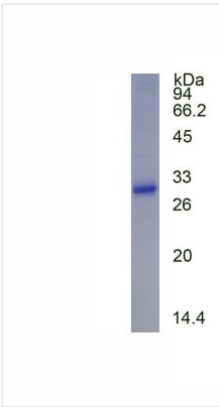
CATALOG # AAA150984	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cluster Of Differentiation 8a (CD8a); Eukaryotic Cluster Of Differentiation 8a (CD8a); CD8a/Cluster Of Differentiation 8a; p32; CD8-A; Leu2; MAL; T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a 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	Ser22~Val2 35
Applicable Applications for CD8a 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	9.7
Subcellular Location	Membrane, Secreted
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 CD8a protein	Signal transduction; CD & Adhesion molecule; Tumor immunity; Infection immunity; Immune molecule; Eukaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225007536
NCBI GeneID	925
NCBI Accession #	NP_001139345.1
NCBI GenBank Nucleotide #	NM_001145873.1
UniProt Accession #	P01732; Q13970; Q4ZG17; D6W5M8
Molecular Weight	32kDa
NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain isoform 1
NCBI Official Synonym Full Names	CD8a molecule
NCBI Official Symbol	CD8A
NCBI Official Synonym Symbols	CD8; MAL; p32; Leu2
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte differentiation antigen T8/Leu-2
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	CD8A
UniProt Synonym Gene Names	MAL
UniProt Entry Name	CD8A_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.