

T-Cell Surface Glycoprotein CD3 Epsilon (CD3e) Protein | CD3e protein

Eukaryotic T-Cell Surface Glycoprotein CD3 Epsilon (CD3e)

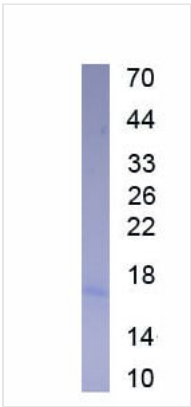
CATALOG # AAA150638	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

T-Cell Surface Glycoprotein CD3 Epsilon (CD3e); Eukaryotic T-Cell Surface Glycoprotein CD3 Epsilon (CD3e); T-Cell Surface Glycoprotein CD3 Epsilon; T3E; TCRE; CD3-E Molecule; Epsilon (CD3-TCR Complex) ; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Met1~Asp12 6
Applicable Applications for CD3e protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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

MQSGTHRVLGLCLLSVQWVGQDNEEMGGITQTPYKVSISGTTVILTCPOYPGSEILLQHNDKNIIGDEDDKNIIGSDEHLSLKEFSE
LEQSGYVVCYPRGSKPEDANFYLYLRARVCENCHEMD

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CD3e protein	Immune molecule; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1345708
NCBI GeneID	916
UniProt Accession #	P07766; A8K997
Molecular Weight	207
NCBI Official Full Name	T-cell surface glycoprotein CD3 epsilon chain
NCBI Official Synonym Full Names	CD3e molecule, epsilon (CD3-TCR complex)
NCBI Official Symbol	CD3E
NCBI Official Synonym Symbols	T3E; TCRE; IMD18
NCBI Protein Information	T-cell surface glycoprotein CD3 epsilon chain; CD3-epsilon; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e antigen, epsilon polypeptide (TIT3 complex); T-cell antigen receptor complex, epsilon subunit of T3
UniProt Protein Name	T-cell surface glycoprotein CD3 epsilon chain
UniProt Gene Name	CD3E
UniProt Synonym Gene Names	T3E
UniProt Entry Name	CD3E_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.

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Online datasheet: <https://stage.aaabiotech.com/293f-cells-protein/t-cell-surface-glycoprotein-cd3-epsilon-cd3e/150638>