

CD3E/CD3 epsilon 1-27 peptide Recombinant Protein | CD3E recombinant protein

Biotinylated Human CD3E/CD3 epsilon 1-27 peptide Protein Recombinant

CATALOG #	HOST
AAA76315	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

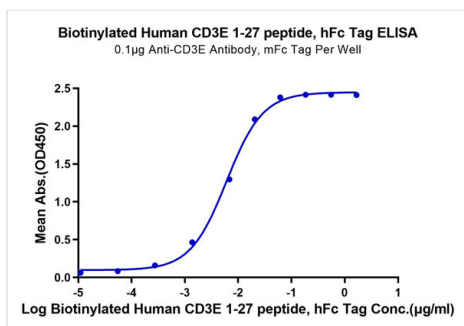
PRODUCT SYNONYMS

CD3E/CD3 epsilon 1-27 peptide; Biotinylated Human CD3E/CD3 epsilon 1-27 peptide Protein Recombinant; CD3E recombinant protein

PRODUCT SPECIFICATIONS

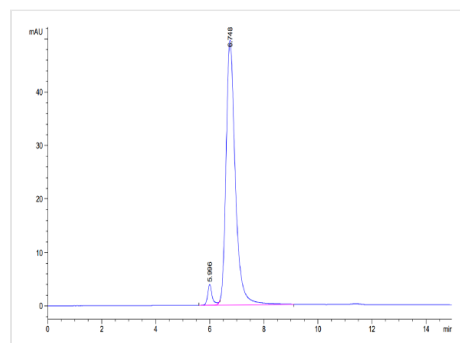
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CD3E/CD3 epsilon 1-27 peptide was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CD3E/CD3 epsilon 1-27 peptide including a C-hFc-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVI tag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Receptor
Biological Process	Immunity
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



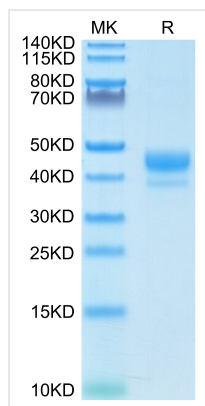
ELISA

Biotinylated Human CD3E/CD3 epsilon 1-27 peptide Protein ELISA Data: Immobilized Anti-CD3 Antibody, mFc Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human CD3E 1-27 peptide, hFc Tag with the EC₅₀ of 5.9 ng/ml determined by ELISA.



Application Data

Biotinylated Human CD3E/CD3 epsilon 1-27 peptide Protein SEC-HPLC: The purity of Biotinylated Human CD3E 1-27 peptide is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human CD3E/CD3 epsilon 1-27 peptide Protein Tris-Bis PAGE Biotinylated Human CD3E 1-27 peptide on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD3E recombinant protein	Biotinylated proteins
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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://www.aaabiotech.com/cd3e-recombinant-protein-hek293-cells/76315>