

CD3E&CD3D/CD3 epsilon&CD3 delta Recombinant Protein | CD3E&CD3D recombinant protein

Biotinylated Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta Protein Recombinant

CATALOG #	HOST
AAA76151	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

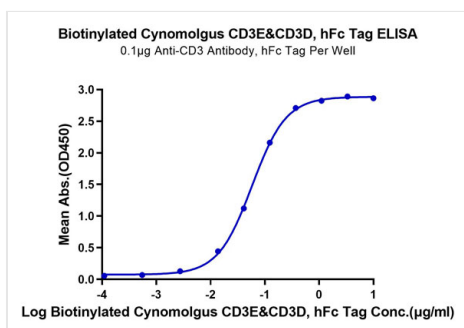
PRODUCT SYNONYMS

CD3E&CD3D/CD3 epsilon&CD3 delta; Biotinylated Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta Protein Recombinant; CD3E&CD3D recombinant protein

PRODUCT SPECIFICATIONS

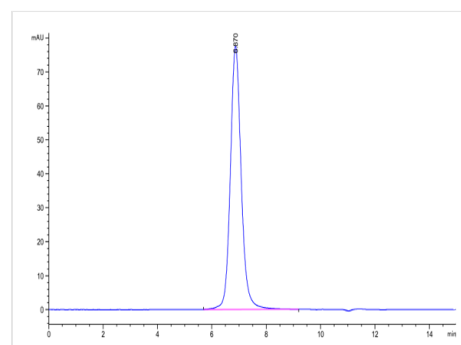
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta (Primary Amine Labeling) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta (Primary Amine Labeling) including a C-hFc tag was expressed in HEK293 Cells.The recombinant protein was then biotinylated site specific using the AVItag 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).
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



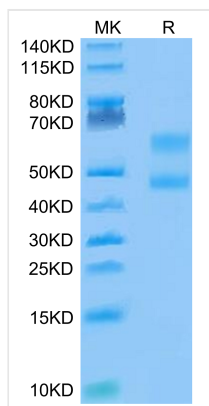
ELISA

Biotinylated Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta Protein (Primary Amine Labeling) ELISA Data: Immobilized Anti-CD3, hFc Tag Antibody at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus CD3E&CD3D, hFc Tag with the EC50 of 58.2 ng/ml determined by ELISA.



Application Data

Biotinylated Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta Protein (Primary Amine Labeling) SEC-HPLC: The purity of Biotinylated Cynomolgus CD3E&CD3D was greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Cynomolgus CD3E&CD3D/CD3 epsilon&CD3 delta Protein (Primary Amine Labeling) Tris-Bis PAGE Biotinylated Cynomolgus CD3E&CD3D on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD3E&CD3D recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	545688608
NCBI GeneID	102133065
NCBI Accession #	NP_001270544.1
NCBI GenBank Nucleotide #	NM_001283615.1
UniProt Accession #	Q95LI5; Q95LI6
Molecular Weight	22,149 Da
NCBI Official Full Name	T-cell surface glycoprotein CD3 epsilon chain
NCBI Official Symbol	CD3E
NCBI Protein Information	T-cell surface glycoprotein CD3 epsilon chain
UniProt Protein Name	T-cell surface glycoprotein CD3 epsilon chain
UniProt Gene Name	CD3E

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/76151>