

CD7 recombinant protein

Recombinant Human CD7 Protein

CATALOG # AAA283394	HOST HEK293 cells
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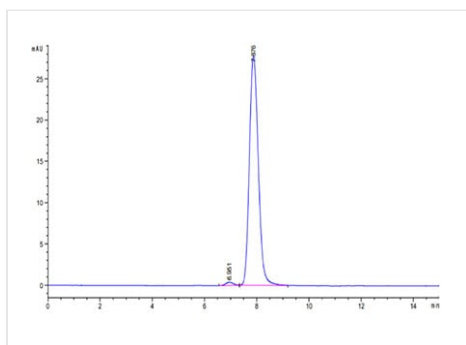
PRODUCT SYNONYMS

CD7; Recombinant Human CD7 Protein; CD7 molecule; LEU-9; Tp40; TP41; GP40; CD7 recombinant protein

PRODUCT SPECIFICATIONS

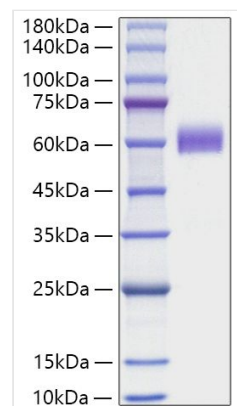
Host	HEK293 cells
Purity/Purification	>95% as determined by HPLC
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	AQEVQQSPHC TTVPVGASVN ITCSTSGGLR GIYLRQLGPQ PQDIYYEDG VVPTDRRFR GRIDFSGSQD NLITMHLRLQ LSDTGTYTCQ AITEVNVYGS GTLVLVTEEQ SQGWHRCSDA PPRASALPAP PTGSALPDPQ TASALPDPPA ASALP
Species	Human
Tag	C-hFc
Endotoxin	<1EU/ug
Bio-Activity	Immobilized Human CD7, hFc Tag at 0.5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Anti-CD7 Antibody, hFc Tag with the EC ₅₀ of 27.7ng/ml determined by ELISA.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



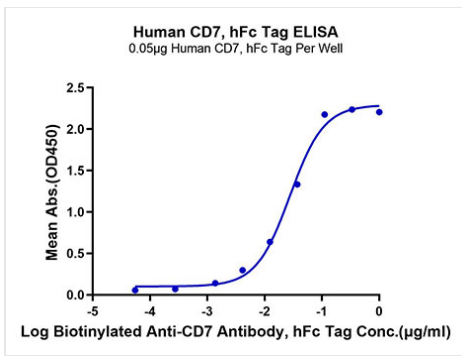
Application Data

The purity of Human CD7 is greater than 95% as determined by SEC-HPLC.



Application Data

Recombinant Human CD7 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-65 kDa.



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 Immobilized Human CD7, hFc Tag at 0.5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Anti-CD7 Antibody, hFc Tag with the EC₅₀ of 27.7ng/ml determined by ELISA.

ADDITIONAL INFORMATION

Related Product Information for CD7 recombinant protein	CD7, also known as Leu-9, is an approximately 40 kDa glycosylated and palmitoylated transmembrane protein in the immunoglobulin superfamily.CD7 is expressed on T cells, NK cells, myeloid progenitor cells, and CD19 B progenitor cells. Among CD8 T cells, the CD7-bright population preferentially contains naive and memory cells, while more weak expressors are primarily effector cells.
Product Categories/Family for CD7 recombinant protein	Bio-Markers & CD Antigens; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453613
NCBI GeneID	924
NCBI Accession #	NP_006128.1
NCBI GenBank Nucleotide #	NM_006137.6
UniProt Accession #	P09564
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/cd7-recombinant-protein-hek293-cells/283394>