

E-Selectin/CD62E Recombinant Protein | CD62E recombinant protein

Biotinylated Human E-Selectin/CD62E Protein Recombinant

CATALOG #	HOST
AAA76283	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

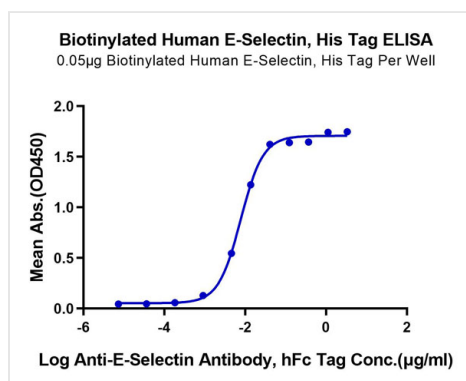
PRODUCT SYNONYMS

E-Selectin/CD62E; Biotinylated Human E-Selectin/CD62E Protein Recombinant; CD62E recombinant protein

PRODUCT SPECIFICATIONS

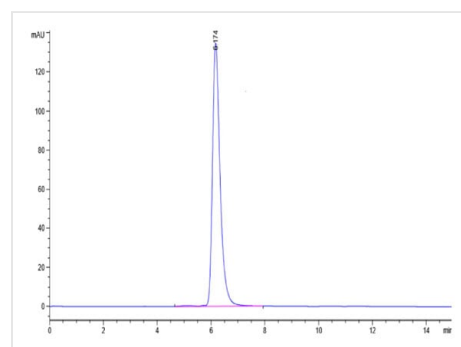
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human E-Selectin/CD62E was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human E-Selectin/CD62E including a C-His-Avi 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).
Biological Process	Cell-adhesion
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



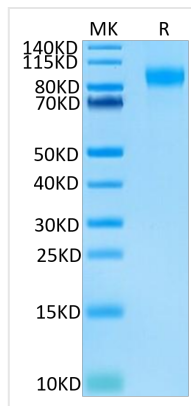
ELISA

Biotinylated Human E-Selectin/CD62E Protein ELISA Data: Immobilized Biotinylated Human E-Selectin at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-E-Selectin Antibody, hFc Tag with the EC50 of 7.8ng/ml determined by ELISA.



Application Data

Biotinylated Human E-Selectin/CD62E Protein SEC-HPLC: The purity of Biotinylated Human E-selectin is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human E-Selectin/CD62E Protein Tris-Bis PAGE Biotinylated Human E-selectin on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD62E recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187960042
NCBI GeneID	6401
NCBI Accession #	NP_000441.2
NCBI GenBank Nucleotide #	NM_000450.2
UniProt Accession #	P16581; O00592; P06731 CEAM5_HUMAN; P16070 CD44_HUMAN; P43121 MUC18_HUMAN
Molecular Weight	66,655 Da
NCBI Official Full Name	E-selectin
NCBI Official Synonym Full Names	selectin E
NCBI Official Symbol	SELE
NCBI Official Synonym Symbols	ELAM; ESEL; CD62E; ELAM1; LECAM2
NCBI Protein Information	E-selectin; ELAM-1; endothelial adhesion molecule 1; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; leukocyte-endothelial cell adhesion molecule 2
UniProt Protein Name	E-selectin
UniProt Gene Name	SELE
UniProt Synonym Gene Names	ELAM1; ELAM-1; LECAM2
UniProt Entry Name	LYAM2_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.