

Cluster Of Differentiation 147 (CD147) Active Protein | CD147 active protein

Active Cluster Of Differentiation 147 (CD147)

CATALOG # AAA153100	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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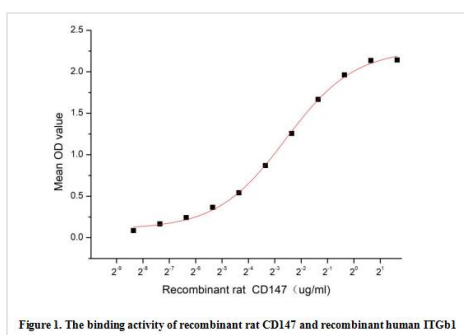
PRODUCT SYNONYMS

Cluster Of Differentiation 147 (CD147); Active Cluster Of Differentiation 147 (CD147); Cluster Of Differentiation 147; CD147 active protein (prokaryotic); Rat; EMMPRIN; BSG; 5F7; M6; OK; TCSF; Basigin(Ok Blood Group); Collagenase stimulatory factor; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor; CD147 active protein

PRODUCT SPECIFICATIONS

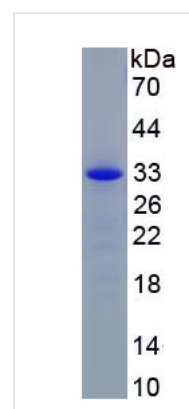
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Glu59~Val321
Applicable Applications for CD147 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.6
Research Area	CD & Adhesion molecule
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Extracellular matrix metalloproteinase (MMP) inducer (EMMPRIN), also known as basigin and CD147, is a 4466 kDa, variably N and Oglycosylated, type I transmembrane protein that belongs to the immunoglobulin superfamily. EMMPRIN is 269 amino acids (aa) in I



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CD147 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158081773
NCBI GeneID	25246
NCBI Accession #	NP_001103352.1
NCBI GenBank Nucleotide #	NM_001109882.1
UniProt Accession #	P26453; Q7TNP1
Molecular Weight	29,585 Da
NCBI Official Full Name	basigin isoform 1
NCBI Official Synonym Full Names	basigin (Ok blood group)
NCBI Official Symbol	Bsg
NCBI Official Synonym Symbols	CE9; HT7; 5A11; Ox47R; EMMPRIN; basignin
NCBI Protein Information	basigin; Basigin (Ox47 antigen or CE-9) (EMMPRIN in human) (neurothelin HT7 or 5A11 in avian); Basignin (Ox47 antigen or CE-9) (EMMPRIN in human) (neurothelin HT7 or 5A11 in avian); OX-47 antigen; glycoprotein CE9
UniProt Protein Name	Basigin
UniProt Gene Name	Bsg
UniProt Entry Name	BASI_RAT

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/e-coli-active-protein/cluster-of-differentiation-147-cd147/153100>