

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

Active Cluster Of Differentiation 147 (CD147)

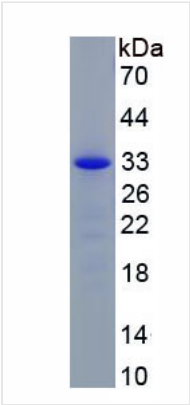
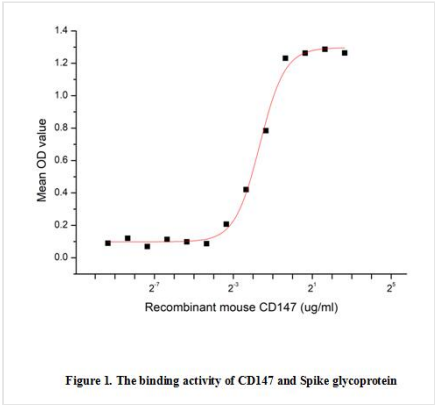
CATALOG # AAA153097	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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PRODUCT SYNONYMS

Cluster Of Differentiation 147 (CD147); Active Cluster Of Differentiation 147 (CD147); Cluster Of Differentiation 147; CD147 active protein (prokaryotic); Mouse; 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 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gln87~Arg323
Applicable Applications for CD147 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.9
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.



Bioactivity
Extracellular matrix metalloproteinase (MMP) inducer (EMMPRIN), also known as basigin and CD147, is a 44 66 kDa, variably N and O glycosylated, type I transmembrane protein that belongs to the immunoglobulin superfamily. EMMPRIN is 269 amino acids (aa) in

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 #	116014342
NCBI GeneID	12215
NCBI Accession #	NP_001070652.1
NCBI GenBank Nucleotide #	NM_001077184.1
UniProt Accession #	P18572; Q6LDB0; Q7TSC0
Molecular Weight	29,674 Da
NCBI Official Full Name	basigin isoform 2
NCBI Official Synonym Full Names	basigin
NCBI Official Symbol	Bsg
NCBI Official Synonym Symbols	HT-7; CD147; EMMPRIN; AI115436; AI325119
NCBI Protein Information	basigin; 5A11/Basigin; HT7 antigen; basic immunoglobulin superfamily; gp 42; membrane glycoprotein gp42; neurothelin
UniProt Protein Name	Basigin
UniProt Gene Name	Bsg
UniProt Entry Name	BASI_MOUSE

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.