

Cluster Of Differentiation 147 (CD147) Protein | CD147 protein

Eukaryotic Cluster Of Differentiation 147 (CD147)

CATALOG # AAA150620	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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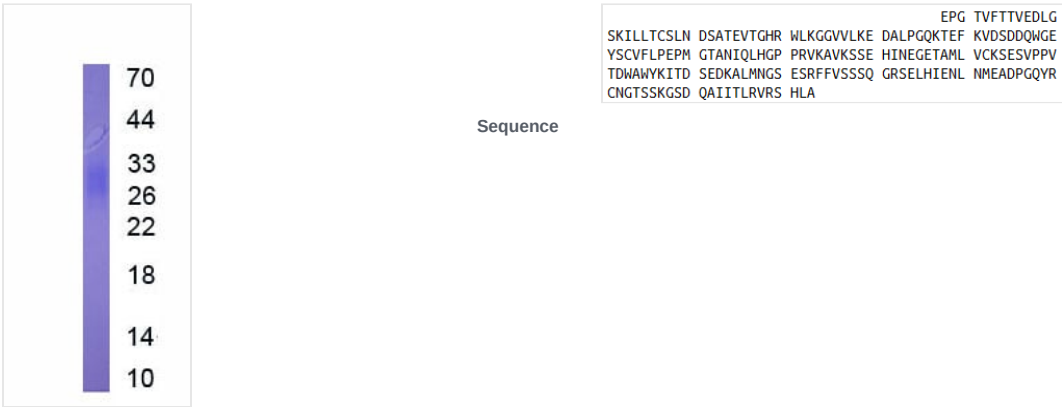
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Glu138~Ala 323
Applicable Applications for CD147 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.8
Subcellular Location	Membrane
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CD147 protein	CD & Adhesion molecule; Tumor immunity; Infection immunity; Reproductive science; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38372919
NCBI GeneID	682
NCBI Accession #	NP_001719.2
NCBI GenBank Nucleotide #	NM_001728.3
UniProt Accession #	P35613; Q7Z796; Q8IZL7; A6NJW1; D3YLG5
Molecular Weight	42,200 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	M6; OK; 5F7; TCSF; CD147; EMMPRIN
NCBI Protein Information	basigin; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor
UniProt Protein Name	Basigin
UniProt Gene Name	BSG
UniProt Synonym Gene Names	EMMPRIN; TCSF
UniProt Entry Name	BASI_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.