

Recombinant Human CD147, GST-tagged

Cat. No. CD147-10906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD147 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-269a.a.
Description	This gene encodes a G-protein coupled receptor that binds non-sulfated members of the cholecystokinin (CCK) family of peptide hormones. This receptor is a major physiologic mediator of pancreatic enzyme secretion and smooth muscle contraction of the gallbladder and stomach. In the central and peripheral nervous system this receptor regulates satiety and the release of beta-endorphin and dopamine.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	BSG basigin (Ok blood group) [Homo sapiens]
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Official Symbol	BSG
Synonyms	BSG; basigin (Ok blood group); basigin (OK blood group) , OK; basigin; CD147; EMMPRIN; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor; M6; OK; 5F7; TCSF;
Gene ID	682
mRNA Refseq	NM_001728
Protein Refseq	NP_001719
MIM	109480
UniProt ID	P35613
Chromosome Location	19p13.3
Pathway	Basigin interactions, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Integrin cell surface interactions, organism-specific biosystem; Matrix Metalloproteinases, organism-specific biosystem; Metabolism, organism-specific biosystem; Pyruvate metabolism, organism-specific biosystem;
Function	lactate transmembrane transporter activity; mannose binding; sugar binding;