

Recombinant Mouse CD147 Protein

Catalog #	Source	Reactivity	Applications
CRP2874	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD147 Protein is produced by mammalian expression system and the target gene encoding Ala22-Arg325 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	BSG		
Alternative Names	Basigin; 5F7; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; EMMPRIN; Leukocyte activation antigen M6; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor; TCSF; CD147		
Entrez Gene	12215 (Mouse)		
SwissProt	P18572 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>AAGFLKAPLS QERWAGGSVV LHCEAVGSPV PEIQWWFEGN APNDSCSQLW DGARLDRVHI HAAYRQHAAS SLSVDGLTAE DTGTYECRAS SDPDRNHLTR PPRVKWVRAQ ASVVVLEPGT IQTSVQEVNS KTQLTCSLNS SGVDIVGHRW MRGGKVLQED TLPDLHTKYI VDADDRSGEY SCIFLPEPVG RSEINVEGPP RIKVGGKSEH SSEGELAKLV CKSDASYPPV TDWFWFKTSD TGEAAITNS TEANGKYVVV STPEKSQLTI SNLDVNVDPG TYVCNATNAQ GTTRETISLR VRSRHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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