

## Product datasheet for **TP319418**

### CD147 (BSG) (NM\_198591) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens basigin (Ok blood group) (BSG), transcript variant 4, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219418 representing NM_198591 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MKQSDASPQERVDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPPV TDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNGTSSKGSQAIITLVRV HLAALWPFLGIVAEVLVLTIIIFIYEKRRKPEDVLDDDDAGSAPLKSSGQHQNCKGKNVRQRNSS  <b>SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	22.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_940993</a>
Locus ID:	682
UniProt ID:	<a href="#">P35613</a>



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RefSeq Size: 1609

Cytogenetics: 19p13.3

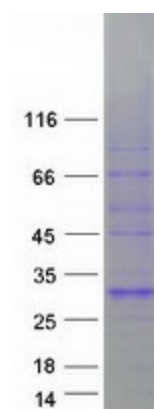
RefSeq ORF: 615

Synonyms: 5F7; CD147; EMMPRIN; EMPRIN; HAb18G; OK; SLC7A11; TCSF

**Summary:** The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2020]

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

### Product images:



Coomassie blue staining of purified BSG protein (Cat# TP319418). The protein was produced from HEK293T cells transfected with BSG cDNA clone (Cat# [RC219418]) using MegaTran 2.0 (Cat# [TT210002]).