

Product datasheet for **TP319464M**

CD147 (BSG) (NM_001728) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human basigin (Ok blood group) (BSG), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219464 representing NM_001728 Red =Cloning site Green =Tags(s)

MAAALFVLLGFALLGTHGASGAAGFVQAPLSQQRWVGGSVELHCEAVGSPVPEIQWWFEGQGPNDTCSQL
WDGARLDRVHIHATYHQHAASTISIDTLVEEDTGTYECRASNDPDRNHLTRAPRVKWWRAQAVLVLEPG
TVFTTVEDLGSKILLTCSLNDSEVTGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGEYSCVFLPEPM
GTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPVTDWAWYKITDSEDKALMNGSESFFVSSSQ
GRSELHIENLNMEADPGQYRCNGTSSKGSQAIITLVRVSHLAALWPFLGIVAELVVLVTIIFIYEKRRK
PEDVLDDDDAGSAPLKSSGQHQNCKGKGNVRQRNSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.2 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:	<u>NP_001719</u>
Locus ID:	682



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UniProt ID: [P35613](#)

RefSeq Size: 2024

Cytogenetics: 19p13.3

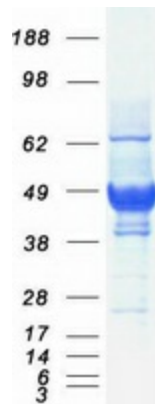
RefSeq ORF: 1155

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# [TP319464]). The protein was produced from HEK293T cells transfected with BSG cDNA clone (Cat# [RC219464]) using MegaTran 2.0 (Cat# [TT210002]).