

Product datasheet for PH319464

CD147 (BSG) (NM_001728) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BSG MS Standard C13 and N15-labeled recombinant protein (NP_001719)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219464
Predicted MW:	42.2 kDa
Protein Sequence:	>RC219464 representing NM_001728 Red=Cloning site Green=Tags(s) MAAALFVLLGFALLGTHGASGAAGFVQAPLSQQRWVGGSVELHCEAVGSPVPEIQWVFEGQGPNDTCSQL WDGARLDRVHIHATYHQHAASTISIDTLVEEDTGTIECRASNDPDRNHLTRAPRVKVVRAQAVVLVLEPG TVFTTVEDLGSKILLTCSLNDSEVTGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGEYSCVFLPEPM GTANIQLHGPPRVKAVKSEHINEGETAMLVCKSESVPPVTDWAWYKITDSEDKALMNGSESRRFFVSSSQ GRSELHIENLNMEADPGQYRCNGTSSKGSQAIITLRVRSHLAALWPFLGIVAELVLTIIIFIYEKRRK PEDVLDDDDAGSAPLKSSGQHQNCKGNVRQRNSS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001719</u>
RefSeq Size:	2024
RefSeq ORF:	1155
Synonyms:	5F7; CD147; EMMPRIN; EMPRIN; HAb18G; OK; SLC7A11; TCSF
Locus ID:	682



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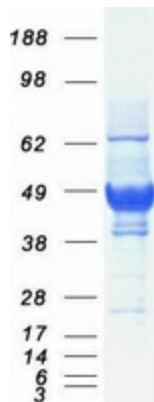
UniProt ID: [P35613](#)

Cytogenetics: 19p13.3

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]).