

## Product datasheet for **TP720365M**

### CD147 (BSG) (NM\_198589) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human basigin (Ok blood group) (BSG), transcript variant 2
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala22-His205
Tag:	C-His
Predicted MW:	21.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_940991</a>
Locus ID:	682
UniProt ID:	<a href="#">P35613</a> , <a href="#">Q54A51</a>
Cytogenetics:	19p13.3
Synonyms:	5F7; CD147; EMMPRIN; EMPRIN; HAb18G; OK; SLC7A11; TCSF



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**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:**