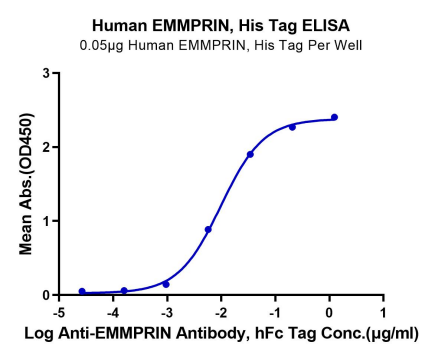
Bioactive | CellTx™ | HuPro®

BSG (Human) Recombinant Protein

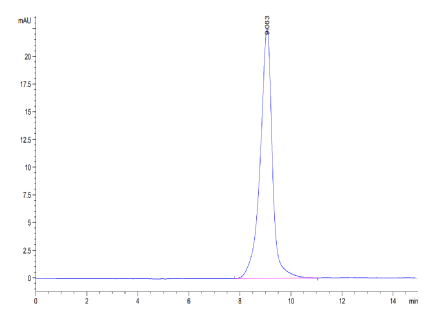
Catalog # P9819 Size 100 ug

Applications



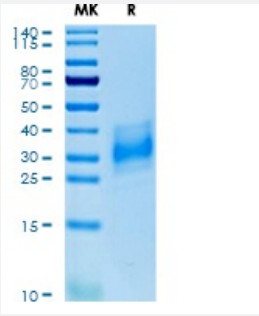
Enzyme-linked Immunoabsorbent Assay

Immobilized Human EMMPRIN, His Tag at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Anti-EMMPRIN Antibody, hFc Tag with the EC50 of 9.8 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human EMMPRIN is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human EMMPRIN on Tris-Bis PAGE under reduced condition. The purity is greater than 95%. You may also be interested in Canine EMMPRIN/CD147 Protein (EPN-DM147) From $432.00 Human NKp46/NCR1/CD335 Protein (NKP-HM146) From $394.00 Human ALCAM/CD166 Protein (ALC-HM101) From $150.00 Human MUC18/CD146 Protein (MUC-HM118) From $375.00 View more associated products Recently Viewed Products

Specification

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Product Description	Human BSG (NP_940991.1, Ala22-His205) partial recombinant protein with His tag at C-Terminus e xpressed in HEK293 cells.
Sequence	Ala22-His205
Host	Human
Theoretical MW (kDa)	21.2
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC_{50} was 9.8 ng/mL, messured by ELISA at 0.5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human EMMPRIN is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human EMMPRIN on Tris-Bis PAGE under reduced condition. The purity is greater than 95%. You m ay also be interested in Canine EMMPRIN/CD147 Protein (EPN-DM147) From $432.00 Human NK p46/NCR1/CD335 Protein (NKP-HM146) From $394.00 Human ALCAM/CD166 Protein (ALC-HM1 01) From $150.00 Human MUC18/CD146 Protein (MUC-HM118) From $375.00 View more associ ated products Recently Viewed Products
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Functional Study

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- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human EMMPRIN, His Tag at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Anti-EMMPRIN Antibody, hFc Tag with the EC50 of 9.8 ng/mL determined by ELISA.

- SDS-PAGE

Gene Info — BSG

Entrez GeneID	682
Protein Accession#	NP_940991.1
Gene Name	BSG
Gene Alias	5F7, CD147, EMMPRIN, M6, OK, TCSF
Gene Description	basigin (Ok blood group)
Omim ID	109480 111380
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	CD147 antigen|M6 leukocyte activation antigen|OK blood group antigen|basigin|collagenase stimulatory factor|extracellular matrix metalloproteinase inducer

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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