

Product Information

MemDX™ Membrane Protein Human BSG (Basigin (Ok blood group), transcript variant 1) for Antibody Discovery

Cat. No.: **MP1207J**

This product is for research use only and is not intended for diagnostic use.

This product is a 40.2 kDa Human BSG membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

BSG

Protein Length

Full-length

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

40.2 kDa

TMD

1

Sequence

MAAALFVLLGFALLGTHGASGAAGFVQAPLSQQRWVGGSVELHCEAVGSPVPEIQWWFEGQGPNDTCSQL
WDGARLDRVHIHATYHQHAASISIDTLVEEDTGTYECRASNDPDRNHLTRAPRVKWVRAQAVVLVLEPG
TVFTTVEDLGSKILLTCSLNDSATEVTGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGEYSCVFLPEPM
GTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPVPTDWAUWKITDSEDKALMNGSESRRFFVSSSQ
GRSELHIENLNMEADPGQYRCNGTSSKGSQDAIITLRVRSHLAALWPFLGIVAEVLVLVTIIFIYKRRK
PEDVLDDDDAGSAPLKSSGQHQNKGKGNVRQRNSS

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

BSG

Full Name

Basigin (Ok blood group)

Introduction

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.

Alternative Names

5F7; CD147; EMMPRIN; EMPRIN; OK; SLC7A11; TCSF

Gene ID

[682](#)

UniProt ID

[P35613](#)