

Product Information

MemDX™ Membrane Protein Human BSG (Basigin (Ok blood group)) Full Length

Cat. No.: **MPC0986K**

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

This product is a 42.2 kDa Human BSG membrane protein expressed in HEK293. 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

Receptor

Molecular Weight

42.2 kDa

TMD

1

Sequence

MAAALFVLLGFALLGTHGASGAAGFVQAPLSQQRWVGGSVELHCEAVGSP
VPEIQWWFEGQGPNDTCSQLWDGARLDRVHIHATYHQHAASTISIDTLVE
EDTGTIECRASNDPDRNHLTRAPRVKWWRAQAVVLVLEPGTVFTTVEDLG
SKILLTCSLNDSEVTGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGE
YSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPV
TDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYR
CNGTSSKGSQDAITLRVRSHLAALWPFLGIVAEVLVLVTIIFIYEKRRK
PEDVLDDDDAGSAPLKSSGQHQNCKGKNVRQRNSS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

OK; 5F7; TCSF; CD147; EMPRIN; HAb18G; EMMPRIN; SLC7A11; basigin; OK blood group antigen; collagenase stimulatory factor; extracellular matrix metalloproteinase inducer; hepatoma-associated antigen; leukocyte activation antigen M6; tumor cell-derived collagenase stimulatory factor; BSG; Basigin (Ok blood group)

Gene ID

[682](#)

UniProt ID

[P35613](#)