

Product Information

MemDX™ Membrane Protein Human BSG (Basigin (Ok blood group)) Expressed in *E.coli* with 6xHis tag at the N-terminus for Antibody Discovery, Partial (138-321aa)

Cat. No.: **MPX4395K**

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

This product is a 24.2kDa Human BSG membrane protein expressed in *E.coli*. 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

Partial (138-321aa)

Protein Class

Receptor

Molecular Weight

24.2kDa

TMD

1

Sequence

EPGTVFTTVEDLGSKILLTCSLNSATEVTGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGEYSCVFLPEPMGTANIQLHGPPRV

Product Description

Expression Systems

E.coli

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

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](#)