

Product Information

MemDX™ Membrane Protein Human BSG (Basigin (Ok blood group)) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3856K**

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

This product is a Human BSG membrane protein expressed *in vitro* *E.coli* expression system. 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 of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

AAGFVQAPLSQQRWVGGSVELHCEAVGSPVPEIQWWFEGQGPNDTCSQLWDGARLDRVHIHATYHQHAASTISIDTLVEEDTGT

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis and SUMO tag

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

BSG; 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; Basigin (Ok blood group)

Gene ID

[682](#)

UniProt ID

[P35613](#)