

## Product Information

### **MemDX™ Membrane Protein Human BRS3 (Bombesin receptor subtype 3) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX3532K**

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

This product is a Human BRS3 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**

BRS3

##### **Protein Length**

Full Length

##### **Protein Class**

GPCR

##### **TMD**

7

##### **Sequence**

MAQRQPHSPNQTLISITNDTESSSVVSNDNTNKGWSGDNSPGIEALCAIYITYAVIISVGILGNAILIKVFFKTKSMQTVPNIFITSLAF

#### Product Description

##### **Expression Systems**

*in vitro* *E.coli* expression system

##### **Tag**

10xHis tag at the N-terminus

##### **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**

BRS3

#### **Full Name**

Bombesin receptor subtype 3

#### **Introduction**

The protein encoded by this gene is a G protein-coupled membrane receptor that binds bombesin-like peptides. This binding results in activation of a phosphatidylinositol-calcium second messenger system, with physiological effects including regulation of metabolic rate, glucose metabolism, and hypertension.

#### **Alternative Names**

BRS3; BB3; BB3R; BBR3; BRS-3; G-protein coupled receptor; bombesin like receptor 3; Bombesin receptor subtype 3

#### **Gene ID**

[680](#)

#### **UniProt ID**

[P32247](#)