

Product Information

MemDX™ Membrane Protein Human BRS3 (Bombesin receptor subtype 3) Full Length

Cat. No.: **MPC0320K**

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

This product is a 44.4 kDa Human BRS3 membrane protein expressed in Baculovirus/Insect 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

Molecular Weight

44.4 kDa

TMD

7

Sequence

MAQRQPHSPNQTLISITNDTESSSSVVSNDNTNKGWSGDNSPGIEALCAI
YITYAVIISVGILGNAILIKVFFKTKSMQTVPNIFITSLAFGDLLLLLTC
VPVDATHYLAEGWLFGRIGCKVLSFIRLTSVGVSFVFTLILSADRYKAVV
KPLERQPSNAILKTCVKAGCVWIVSMIFALPEAIFSNVYTFRDPNKNMTF
ESCTSYPVSKLLQEIHSLLCFLVFYIIPLSIISVYYSIARTLYKSTLN
IPTEEQSHARKQIESRKRIARTVLVLVALFALCWLPNHLLYLYHSFTSQT
YVDPSAMHFIFTIFSRVLAFSNSCVNPFALYWLSKSFQKHFKAKLFCCKA
ERPEPPVADTSLTTLAVMGTVPGTGSIQMSEISVTSFTGCSVKQAEDRF

Product Description

Expression Systems

Baculovirus/Insect expression system

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**

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

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

Gene ID

[680](#)

UniProt ID

[P32247](#)