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Product Information

NativeExtract™ Human NMBR Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX151**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human NMBR protein in native nanodisc form. The synthetic compound we developed can solubilize the NMBR protein from membrane while retaining the native structure.

Product Specifications

Host Species
Human

Target Protein
NMBR

Protein Length
Full length

Molecular Weight
43.4kDa

Sequence
Accession # P28336

Product Description

Activity
Yes

Application
ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems
HEK293 expression system

Tag
Flag tag at the C-terminus

Protein Format
Native Nanodisc

Form
Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target

Target Protein

NMBR

Full Name

Neuromedin B receptor

Introduction

This gene encodes a 7-transmembrane G protein-coupled receptor that binds neuromedin B, which is a growth factor and mitogen for gastrointestinal epithelial tissue and for normal and neoplastic lung. This receptor may play a role in smooth muscle contraction, neuronal responses, and the regulation of cell growth. Antagonists of this receptor have a potential therapeutic use in inhibiting tumor cell growth. Polymorphisms in this gene may be associated with a susceptibility for schizophrenia. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

BB1; BB1R; NMB-R; neuromedin-B receptor; bombesin receptor 1; epididymis secretory sperm binding protein Li 185a; epididymis tissue protein Li 185a; neuromedin-B-preferring bombesin receptor; NMBR; Neuromedin B receptor

Gene ID

4829

UniProt ID

P28336