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Product Information

NativeExtract™ Human GABBR1 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX262**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human GABBR1 protein in native nanodisc form. The synthetic compound we developed can solubilize the GABBR1 protein from membrane while retaining the native structure.

Product Specifications

Host Species
Human

Target Protein
GABBR1

Protein Length
Full length

Molecular Weight
108.3kDa

Sequence
Accession # Q9UBS5

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

GABBR1

Full Name

Gamma-aminobutyric acid type B receptor subunit 1

Introduction

This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined.

Alternative Names

GB1; GPRC3A; GABABR1; GABBR1-3; GABA-B receptor, R1 subunit; gamma-aminobutyric acid (GABA) B receptor, 1; seven transmembrane helix receptor; GABBR1; Gamma-aminobutyric acid type B receptor subunit 1

Gene ID

2550

UniProt ID

Q9UBS5

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