

Product Information

NativeExtract™ Human GABBR2 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX261**

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

This product is recombinant Human GABBR2 protein in native nanodisc form. The synthetic compound we developed can solubilize the GABBR2 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

GABBR2

Protein Length

Full length

Molecular Weight

105.8kDa

Sequence

Accession # [O75899](#)

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**

GABBR2

Full Name

Gamma-aminobutyric acid type B receptor subunit 2

Introduction

The multi-pass membrane protein encoded by this gene belongs to the G-protein coupled receptor 3 family and GABA-B receptor subfamily. The GABA-B receptors inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters, and the activity of ion channels and adenylyl cyclase. This receptor subunit forms an active heterodimeric complex with GABA-B receptor subunit 1, neither of which is effective on its own. Allelic variants of this gene have been associated with nicotine dependence.

Alternative Names

HG20; DEE59; GPR51; EIEE59; GPRC3B; NDPLHS; GABABR2; HRIHFB2099; G-protein coupled receptor 51; GABA-B receptor 2; GABA-B receptor, R2 subunit; GABA-B-R2; GABA-BR2; gamma-aminobutyric acid (GABA) B receptor, 2; gamma-aminobutyric acid B receptor 2; gb2; GABBR2; Gamma-aminobutyric acid type B receptor subunit 2

Gene ID

[9568](#)

UniProt ID

[O75899](#)