

Product Information

NativeExtract™ Human ADRA1D Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX328**

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

This product is recombinant Human ADRA1D protein in native nanodisc form. The synthetic compound we developed can solubilize the ADRA1D protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

ADRA1D

Protein Length

Full length

Molecular Weight

60.5kDa

Sequence

Accession # [P25100](#)

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**

ADRA1D

Full Name

Adrenoceptor alpha 1D

Introduction

Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1D-adrenergic receptor. Similar to alpha-1B-adrenergic receptor gene, this gene comprises 2 exons and a single intron that interrupts the coding region.

Alternative Names

DAR; ADRA1; ADRA1A; ADRA1R; ALPHA1; dJ779E11.2; adrenergic, alpha -1D-, receptor; adrenergic, alpha-1A-, receptor; alpha-1A adrenergic receptor; alpha-1D adrenoceptor; alpha-1D adrenoreceptor; alpha-adrenergic receptor 1a; ADRA1D; Adrenoceptor alpha 1D

Gene ID

[146](#)

UniProt ID

[P25100](#)