

Product Information

MemDX™ Membrane Protein Human DRD1 (Dopamine receptor D1) for Antibody Discovery

Cat. No.: **MP0307X**

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

This product is a 49.3 kDa Human DRD1 membrane protein expressed in *in vitro* wheat germ 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

DRD1

Protein Length

Full-length

Molecular Weight

49.3 kDa

TMD

7

Sequence

MRTLNTSAMDGTGLVVERDFSVRILTACFLSLLILSTLLGNTLVCAAVIRFRHLRSKVTNFFVISLAVSDLLVAVLVMPWKAVAEIAGFV

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

DRD1

Full Name

Dopamine receptor D1

Introduction

This gene encodes the D1 subtype of the dopamine receptor. The D1 subtype is the most abundant dopamine receptor in the central nervous system. This G-protein coupled receptor stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. D1 receptors regulate neuronal growth and development, mediate some behavioral responses, and modulate dopamine receptor D2-mediated events. Alternate transcription initiation sites result in two transcript variants of this gene

Alternative Names

DADR; DRD1A; OTTHUMP00000161116

Gene ID

[1812](#)

UniProt ID

[P21728](#)