

Product Information

MemDX™ Membrane Protein Human EDNRA (Endothelin receptor type A) with GST-tag for Antibody Discovery

Cat. No.: **MP0318X**

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

This product is a 75.1 kDa Human EDNRA 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

EDNRA

Protein Length

Full-length

Molecular Weight

75.1 kDa

TMD

7

Sequence

METLCLRASFWLALVGCVISDNPERYSTNLSNHVDDFTTFRGTELSFLVTTHQPTNLVLPSNGSMHNYCPQQTKITSAFKYINTVISQ

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

EDNRA

Full Name

Endothelin receptor type A

Introduction

This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants

Alternative Names

ETA; ETRA; G protein-coupled receptor

Gene ID

[1909](#)

UniProt ID

[P25101](#)