

Product Information

MemDX™ Membrane Protein Human HTR7 (5-hydroxytryptamine receptor 7) with GST-tag for Antibody Discovery

Cat. No.: **MP0537X**

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

This product is a 74.4 kDa Human HTR7 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

HTR7

Protein Length

Full-length

Molecular Weight

74.4 kDa

TMD

7

Sequence

MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTASPAPTWDAPPDNASGCGEQINYGRVEKVV

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**

HTR7

Full Name

5-hydroxytryptamine receptor 7

Introduction

The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends

Alternative Names

5-HT7

Gene ID

[3363](#)

UniProt ID

[P34969](#)