

Product Information

MemDX™ Membrane Protein Human GPR88 (G protein-coupled receptor 88) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3510K**

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

This product is a Human GPR88 membrane protein expressed *in vitro* *E.coli* 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

GPR88

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MTNSSSTSTSTTGGSLLLLCEEEESWAGRRIPVSLLYSGLAIGGTLANGMVIYLVSSFRKLQTTSNAFIVNGCAADLSVCALWMPQ

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

GPR88

Full Name

G protein-coupled receptor 88

Introduction

The protein encoded by this gene is a G protein-coupled receptor found almost exclusively in the striatum, a brain structure that controls motor function and cognition. Defects in this gene have been associated with chorea, speech delay, and learning difficulties, as well as some neuropsychiatric disorders.

Alternative Names

GPR88; STRG; COCPMR; probable G-protein coupled receptor 88; striatum-specific G-protein coupled receptor; G protein-coupled receptor 88

Gene ID

[54112](#)

UniProt ID

[Q9GZN0](#)