

Product Information

MemDX™ Membrane Protein Human FZD8 (Frizzled class receptor 8) Expressed *in vitro*

E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3650K**

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

This product is a Human FZD8 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

FZD8

Protein Length

Full Length of Mature Protein

Protein Class

GPCR

TMD

7

Sequence

ASAKELACQEITVPLCKGIGNYTYMPNQFNHDTQDEAGLEVHQFWPLVEIQCSPDLKFFLCSMYTPICLEDYKKPLPPCRSVCERA

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

FZD8

Full Name

Frizzled class receptor 8

Introduction

This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This gene is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined.

Alternative Names

FZD8; FZ-8; hFZ8; frizzled-8; frizzled family receptor 8; frizzled homolog 8; Frizzled class receptor 8

Gene ID

[8325](#)

UniProt ID

[Q9H461](#)