

Product Information

MemDX™ Membrane Protein Human FZD6 (Frizzled class receptor 6) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3653K**

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

This product is a Human FZD6 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

FZD6

Protein Length

Full Length of Mature Protein

Protein Class

GPCR

TMD

7

Sequence

HSLFTCEPITVPRCMK MAYNM TFFPNLMGHYDQSIAAVEMEHLPLANLECS PNIE TFLCKAFVPTCIEQIHVVPPCRKLCEKVYSDC

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

FZD6

Full Name

Frizzled class receptor 6

Introduction

This gene represents a member of the 'frizzled' gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants, some of which do not encode a protein with a predicted signal peptide.

Alternative Names

FZD6; FZ6; FZ-6; HFZ6; NDNC1; NDNC10; frizzled-6; frizzled family receptor 6; frizzled homolog 6; Frizzled class receptor 6

Gene ID

[8323](#)

UniProt ID

[O60353](#)