

# Product Information

## MemDX™ Membrane Protein Human MFRP (Membrane frizzled-related protein) for Antibody

### Discovery

Cat. No.: **MP0872J**

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

This product is a 62 kDa Human MFRP membrane protein expressed in HEK293T. 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

MFRP

#### Protein Length

Full-length

#### Protein Class

Druggable Genome, Transmembrane

#### Molecular Weight

62 kDa

#### TMD

1

#### Sequence

MKDFSDVILCMEATESSKTEFCNPAFEPESGPPCPPPVFPEDASYSVPAPWHGRRPRGLRPDCRFSWLVCV  
LLLSSLLLLLLGLLVAILLAQLQAAPPSGASHSPLPAGGLTTTTTTPTITTSQAAGTPKGQQESGVSPSP  
QSTCGLLSGPRGFFSSPNYPDPYPNTHCVWHIQVATDHAIQLKIEALSIESVASCLFDRLELSPEPEG  
PLLRVCGRPVPPPTLNTNASHLLVVFVSDSSVEGFGFHAQYQAMAPGRGSCAHDEFRCQDLICLLPDSVCD  
GFANCADGSDETNCSAKFSGCGGNLTGLQGTFTPSYLQQYPHQLLCTWHISVPAGHSIELQFHNFSLEA  
QDECKFDYVEVYETSSSGAFSLLGRFCGAEPPLVSSHHELAVLFRDTHGISSGGFSATYLAFNATENP  
CGPSELSCQAGGCKGVQWMCDMWRDCTDGSDDNCSGPLFPPELACEPVQVEMCLGLSYNTTAFPNIIWVG  
MITQEEVVEVLSGYKSLTSLPCYQHFRRLCGLLVPRCTPLGSVLPPCRSVCQEAHQCSGLALLGTPW  
PFNCNRLPEAADLEACAQP

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

**Form**

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

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

**Target****Target Protein**

MFRP

**Full Name**

Membrane frizzled-related protein

**Introduction**

This gene encodes a member of the frizzled-related protein family. The encoded protein plays an important role in eye development and mutations in this gene have been associated with nanophthalmos, posterior microphthalmia, retinitis pigmentosa, foveoschisis, and optic disc drusen. The protein is encoded by a bicistronic transcript which also encodes C1q and tumor necrosis factor related protein 5 (C1QTNF5).

**Alternative Names**

RD6; NNO2; CTRP5; MCOP5

**Gene ID**

[83552](#)

**UniProt ID**

[Q9BY79](#)