

Recombinant Human MFRP Protein, His tagged

Cat. No. MFRP-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MFRP Protein (101-579 aa) with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	101-579 aa
Description	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).
Molecular Mass	52 kDa
Purity	> 90% by SDS-PAGE
AA Sequence	SHSPLPAGGLTTTTTPTITTSQAAGTPKGQQESGVSPSPQSTCGLLSGPRGFFS SPNYDPYPNTHCVWHIQVATDHAIQLKIEALSIESVASCLFDRLELSPEPEGPLL VCGRVPPPTLNTNASHLLVVFVSDSSVEGFGFHAWYQAMAPGRGSCAHDEFRC DQLICLLPDSVCDGFANCADGSDETNC SAKFSGCGGNLTGLQGTFSTPSYLQ QYPHQLCTWHISVPAGHSIELQFHNFS LEAQDECKFDYVEVYETSSSGAFS LLGRFCGAEP PHLVSSHHELAVLFR TDHGISSGGFSATYLAFNATENPCGPSELSCQAGGCKGVQW

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MCDMWRDCTDGSDDNCSGPLFPPPELACEPVQVEMCLGLSYNTTAFPNIWVGMIT
QEEVVEVLSGYKSLTSLPCYQHFRRLLCGLLVPRCTPLGSLVPPCRSVCQEAHQ
QSGLLALLGTPWPFNCNRLPEAADLEACAQPHHHHHHHH

Endotoxin < 1.0 EU/μg by LAL

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4

Concentration 0.78 mg/mL by BCA

GENE INFORMATION

Gene Name MFRP membrane frizzled-related protein [Homo sapiens (human)]

Official Symbol MFRP

Synonyms MFRP; membrane frizzled-related protein; C1QTNF5; complement C1q tumor necrosis factor related protein 5 precursor variant 1; FLJ30570; membrane type frizzled related protein; NNO2; rd6; membrane-type frizzled-related protein; RD6; MCOP5; MGC32938; DKFZp586B0621

Gene ID 83552

mRNA Refseq NM_031433

Protein Refseq NP_113621

MIM 606227

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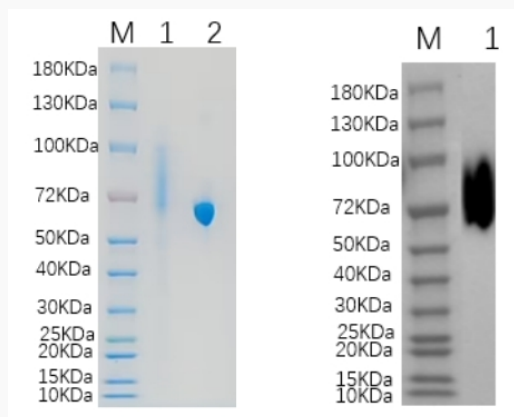
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UniProt ID

Q9BY79

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified MFRP. 1. MFRP: 1 μ g 2. BSA: 1 μ g

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