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	SHSPLPAGGLTTTTTTPTITTSQAAGTPKGQQESGVSPSPQSTCGGLLSGPRGFFS SPNYPDPYPPNTHCVWHIQVATDHAIQLKIEALSIESVASCLFDRLELSPEPEGPLLR VCGRVPPPTLNTNASHLLVVFVSDSSVEGFGFHAWYQAMAPGRGSCAHDEFRCDQ LICLLPDSVCDGFANCADGSDETNCSAKFSGCGGNLTGLQGTFSTPSYLQQYPHQL LCTWHISVPAGHSIELQFHNFSLEAQDECKFDYVEVYETSSSGAFSLLGRFCGAEPP PHLVSSHHELAVLFRTDHGISSGGFSATYLAFNATENPCGPSELSCQAGGCKGVQW

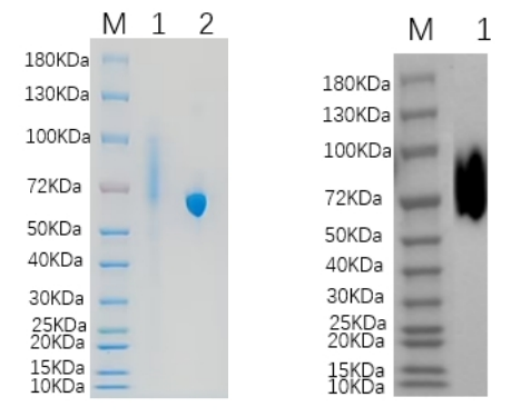
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	MCDMWRDCTDGSDDNCSGPLFPPPELACEPVQVEMCLGLSYNTTAFPNIWVGMIT QEEVVEVLSGYKSLTSLPCYQHFRRLLCGLLVPRCTPLGSVLPPCRSVCQEAEHQC QSGLALLGTPWPFNCNRLPEAADLEACAQPHHHHHHHH
Endotoxin	< 1.0 EU/μg by LAL
Storage	Store it under sterile conditions at -20 to -80 centigrade. 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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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 μg 2. BSA: 1 μg

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