

Recombinant Human MFRP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MFRP-4070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MFRP MS Standard C13 and N15-labeled recombinant protein (NP_113621) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	62 kDa
AA Sequence	MKDFSVDVILCMEATESSKTEFCNPAFEPESGPPCPPPVFPEDASYSVPAPWHGRRP RGLRPDCRFSWLCVLLLSSLLLLLLGLLVAILAQLQAAPPSGASHSPLPAGGLTTTTT TPTITTSQAAGTPKGQQESGVSPSPQSTCGLLSGPRGFFSSPNYPDPYPPNTHCV WHIQVATDHAIQLKIEALSIESVASCLFDRLELSPEPEGPLLRVCGRVPPPTLNTNAS HLLVVFVSDSSVEGFHFHAWYQAMAPGRGSCAHDEFRCQDLICLLPDSVCDGFAN CADGSDETNCSTAKFSGCGGNLTGLQGTFTSTPSYLQQYPHQLLCTWHISVPAGHSIE LQFHNFSLEAQDECKFDYVEVYETSSSGAFSLLGRFCGAEPPLVSSHHELAVLFR TDHGISSGGFSATYLA FNATENPCGPSELSCQAGGCKGVQWMCDMWRDCTDGSD

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DNCSGPLFPPPELACEPVQVEMCLGLSYNTTAFPNIWVGMITQEEVVEVLSGYKSLT
SLPCYQHFRRLLCGLLVPRCTPLGSLVPPCRSVCQEAHQCSGLALLGTPWPFNC
NRLPEAADLEACAQPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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

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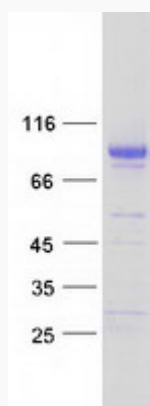
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MIM 606227

UniProt ID Q9BY79

SDS-PAGE



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