

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MFRP MS Standard C13 and N15-labeled recombinant protein (NP_113621) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | 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).                                                                  |
| <b>Molecular Mass</b>   | 62 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MKDFSDVILCMEATESSKTEFCNPAFEPESGPPCPPVPEDASYSVPAPWHGRRP<br>RGLRPDCRFSWLCVLLLSSLLLLLLGLLVAILAQLQAAPPSGASHSPLPAGGLTTTTT<br>TPTITTSQAAGTPKGQQESGVSPSPQSTCGLLSGPRGFFSSPNYPDPYPPNTHCV<br>WHIQVATDHAIQLKIEALSIESVASCLFDRLELSPEPEGPLLRVCGRVPPPTLNTNAS<br>HLLVVFVSDSSVEGFHFHAWYQAMAPGRGSCAHDEFRCQDLICLLPDSVCDGFAN<br>CADGSDETNCSTAKFSGCGGNLTGLQGTFTPSYLQQYPHQLLCTWHISVPAGHSIE<br>LQFHNFSLEAQDECKFDYVEVYETSSSGAFSLLGRFCGAEPPPHLVSSHHELAVLFR<br>TDHGISSGGFSATYLA FNATENPCGPSELSCQAGGCKGVQWMCDMWRDCTDGSD |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

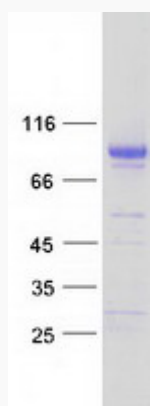
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 606227

UniProt ID Q9BY79

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA