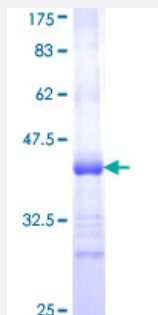


MFRP (Human) Recombinant Protein (Q01)

Catalog # H00083552-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MFRP partial ORF (NP_113621, 480 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NTTAFPNIWVGMITQEEVVEVLSGYKSLTSLPCYQHFRLLCGLLVPRCTPLGSVLPPCRSVCQE AEHQCCSGLALLGTPWPFNCNRLPEAADLEACAQP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MFRP

Entrez GeneID [83552](#)

GeneBank Accession# [NM_031433](#)

Protein Accession# [NP_113621](#)

Gene Name MFRP

Gene Alias C1QTNF5, FLJ30570, NNO2, rd6

Gene Description membrane frizzled-related protein

Omim ID [606227 609549](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the frizzled-related proteins. The encoded protein may play a role in eye development, as 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 mRNA, which also encodes C1q and tumor necrosis factor related protein 5

Other Designations complement C1q tumor necrosis factor-related protein 5 precursor variant 1|membrane-type frizzled-related protein

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Microphthalmos](#)
- [Myopia](#)