

Product datasheet for PH319872

MFRP (NM_031433) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MFRP MS Standard C13 and N15-labeled recombinant protein (NP_113621)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219872
Predicted MW:	62 kDa
Protein Sequence:	>RC219872 representing NM_031433 Red=Cloning site Green=Tags(s)

MKDFSDVILCMEATESSKTEFCNPAFEPESGPPCPPVFPEDASYVSPAPWHGRRPRGLRPDCRFSWLCV
 LLLSSLLLLLLGLLVAIILAQLQAAPPSGASHSPLPAGGLTTTTTTPTITTSQAAGTPKGQQESGVSPSP
 QSTCGLLSGPRGFFSSPNYPDPYPNTHCVWHIQVATDHAIQLKIEALSIESVASCLFDRLELSPEPEG
 PLLRVCGRVPPPTLNTNASHLLVVFVSDSSVEGFGFHAWYQAMAPGRGSCAHDEFRCQQLICLLPDSVCD
 GFANCADGSDETNCSAKFSGCGNLTGLQGTFTSPSYLQQYPHQLLCTWHISVPAGHSIELQFHNFSLEA
 QDECKFDYVEVYETSSSGAFSLLGRFCGAEPHLLVSSHHELAVLFRTHGISSGGFSATYLAFNATENP
 CGPSELSCQAGGCKGVQWMDMWRDCTDGSDDNCSGPLFPPPELACEPVQVEMCLGLSYNTTAFPNIVWG
 MITQEEVVEVLSGYKSLTSLPCYQHFRLLCGLLVPRCTPLGSLVPPCRSVCQEAHQCSGLALLGTPW
 PFNCNRLPEAADLEACAQP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_113621
RefSeq Size:	2519
RefSeq ORF:	1737



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Synonyms: CTRP5; MCOP5; NNO2; RD6

Locus ID: 83552

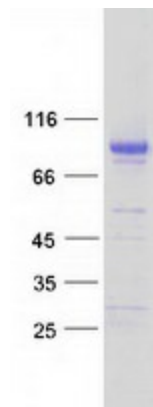
UniProt ID: [Q9BY79](#)

Cytogenetics: 11q23.3

Summary: 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). [provided by RefSeq, Jun 2013]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified MFRP protein (Cat# [TP319872]). The protein was produced from HEK293T cells transfected with MFRP cDNA clone (Cat# [RC219872]) using MegaTran 2.0 (Cat# [TT210002]).