

Product datasheet for PH300941

FKRP (NM_024301) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FKRP MS Standard C13 and N15-labeled recombinant protein (NP_077277)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200941
Predicted MW:	54.6 kDa
Protein Sequence:	>RC200941 protein sequence Red=Cloning site Green=Tags(s)

MRLTRCQAALAAAITLNLVLFYVSWLQHQPNSRARGPRRASAAGPRVTVLVREFEAFDNAVPELVDSF
LQQDPAQPVVVAADTLPYPPLALPRIPNVRLALLQPALDRPAAASRPETYVATEFVALVPDGARAEAPGL
LERMVEALRAGSARLVAAPVATANPARCLALNVSLREWTARYGAAPAAPRCDALDGDVAVLLRARDLFNL
SAPLARPVGTSFLQALRGWAVQLLDLTFAAARQPPLATAHARWKAEREGRARRAALLRALGIRLVSWE
GGRLEWFGCNKETTTRCFGTVVGDTPAYLYEERWTPPCCLRALRETARYVVGVLAAAGVRYWLEGGSLG
ARHGDIIPWDYVDLGIYLEDVGNCEQLRGAEAGSVVDERGFVWEKAVEGDFFRVQYSESNHLHVDLWPF
YPRNGVMTKDTWLDHRQDVEFPEHFLQPLVPLPFAGFVAQAPNNYRRFLELKFPGVVIENPQYPNPALLS
LTGSG

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:	<u>NP_077277</u>
RefSeq Size:	3422
RefSeq ORF:	1485



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Synonyms: FKTR; LGMD2I; LGMDR9; MDC1C; MDDGA5; MDDGB5; MDDGC5

Locus ID: 79147

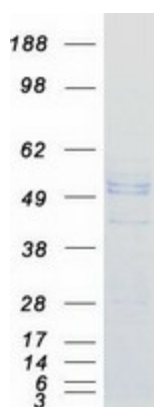
UniProt ID: [Q9H9S5](#), [A0A024R0R7](#)

Cytogenetics: 19q13.32

Summary: This gene encodes a protein which is targeted to the medial Golgi apparatus and is necessary for posttranslational modification of dystroglycan. Mutations in this gene have been associated with congenital muscular dystrophy, cognitive disability, and cerebellar cysts. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Oct 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified FKRP protein (Cat# [TP300941]). The protein was produced from HEK293T cells transfected with FKRP cDNA clone (Cat# [RC200941]) using MegaTran 2.0 (Cat# [TT210002]).