

## Product datasheet for TP300941

### FKRP (NM\_024301) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fukutin related protein (FKRP), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200941 protein sequence Red=Cloning site Green=Tags(s)

MRLTRCQAALAAAITLNLLVLFYVSWLQHQPNSRARGPRRASAAGPRVTVLVREFEAFDNAVPELVDSF  
LQQDPAQPVVVAADTLPPYPLALPRIPNVRLALLQPALDRPAAASRPETYVATEFVALVPD GARAEAPGL  
LERMVEALRAGSARLVAAPVATANPARCLALNVSLREWTARYGAAPAAPRCDALDGDVWLLRARDLNFN  
SAPLARPVGTSLFLQTALRGWAVQLDLTFAAARQPPLATAHARWKAEREGRRARRAALLRALGIRLVSWE  
GGRLEWFGCNKETTTRCFGTVVGDTPAYLYEERWTPPCCLRALRETARYVGVLEAAGVRYWLEGGSSLLGA  
ARHGDIIPWDYDVDLGIYLEDVGNCEQLRGAEAGSVDERGFVWEKAVEGDFFRVQYSES NHLHVDLWPF  
YPRNGVMTKDTWLDHRQDVEFPEHFLQLVPLPFAGFVAQAPNNYRRFLELKFPGVNIENPQYPNPALLS  
LTGSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



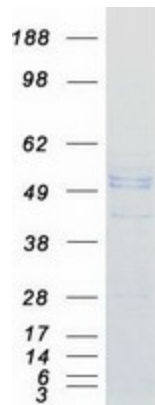
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RefSeq:	<a href="#">NP_077277</a>
Locus ID:	79147
UniProt ID:	<a href="#">Q9H9S5</a> , <a href="#">A0A024R0R7</a>
RefSeq Size:	3422
Cytogenetics:	19q13.32
RefSeq ORF:	1485
Synonyms:	FKTR; LGMD2I; LGMDR9; MDC1C; MDDGA5; MDDGB5; MDDGC5

**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]).