

Product datasheet for **SC215752**

FKRP (NM_001039885) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FKRP (NM_001039885) Human 3' UTR Clone
Symbol:	FKRP
Synonyms:	FKTR; LGMD2I; LGMDR9; MDC1C; MDDGA5; MDDGB5; MDDGC5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001039885
Insert Size:	1667 bp



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Insert Sequence:	>SC215752 3'UTR clone of NM_001039885 The sequence shown below is from the reference sequence of NM_001039885. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site
	<pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCACTGCTGAGTCTGACGGGAAGCGGCAGAGCCCTGATAACCTCGCCTTTGTTTTTCGGGGGTCTGTC TGGATGTGGAGAAGCTCTGTGTGAGCGGTGAGGGGTGGAGGGATGTCGCGGAGAGGGGAAGGGGAAAC TGACCAAGAAAGAAATTCTAAGGAGAGCATGAGAGAAGGCTGGCATTGGCAGGAGGAGAGACCAGGAC GAGGATGGGAAGCGACCTCCAGATTTATCAAAATGGTCATGCCACTGGGAGCCGTGGATATGCGTGGGG ACATCCTGGGTCTCTCAGTCATGGAGGAGACGGGGATGTACGCCGTCCCGCAGGGGCCAGCACAGC CCCAGACCCGAAAAAAGTGTCTGCCAAGATTCCGAGAGCCCTGCGCTCTAGGGCAGGGGCAGAGTTT TGGAAACAGTGCAGGCTCTGGAGCCAGACTGGCGAGATTCAAATCCTGGCTCTATCGCTTCGGAGCCAG GTGGGCCCTGGGGGGCGTCGAGTCTCTGTGCTCAGTTGCTTCCAGGATGCGGGACCCCTGGCTGC AGGGGTTGCTTCCGCCACTAGAGGGCGCGCCGGTCCCGCTCCTGTTGGCCACTGTGGCTGCCCGGGCG ACAGTACGCCCAGGGCCTGTGTTCCATAGCCATCTACTCTCTTGAGCCTTTGACTTCTCTCCAAGCCC CTGTGGGAGGCGGACAGCAGTGACCACCTCCCCTTCTTTTGGACTGCGACCTCCTTCCCTCCTGGGAGA GCCCTGTGACCTGCATGCTACTCTTAACGTCTATTCAAGACTGAATAGAAGTATTTAGTCTTGCAG AGGAGGAAATGCTCAGAGCTCCGAGGTGCGGCTGTGGTCGAGAACCAGGTGCTGGGCCGGGCGGGGGG CTCAGCCTGTAAATCCAGCACTTTGGGAGGCCGAGGTGGGAGGATCGCTTGAGCCCAGGAGTCTGAGA CCAGCCTCGGCAACATGCCAAGACCCGCTCTCTATTTTTAAAAAGAAAAAGAACCGACTTCTGAATCG CAGCTCCACTCATGACTAATACCTCATTATTTAGCTGTCTGCACCTAATCCCCACTTGCACGGCAGT GTAGACAATAACCATAGCTCACACTCACTGAGCACCTACTGGGTACCAGGCACCATTCTCAGTGTTTCA CCTGGATCAACTAATGCGTCCCTCACCTCAGCCCTCTGAAGTGACAGCTGCTATTATTTTATTACACA GATGAAAAAGCTGAGGCCAGAATCGTGAAGTCACTTGCTCAAGGTGAGGCAGCTTAGGAAGGGGCAGAT CGGGGGCTTGAACCCAGGTGGTCAAGGCTCTGGAGCCCAATGTCTTACCCACTATGCCCTCTCTAG TCATGGTCCCCAAGAGGGGCTTGGAGACCCACTTAGCAGGTGAAAGCAATGGCAGCCTTCTTATTTGA TTATGCACCTAAGAATAAATGGTATTTGGGCATGTATTCCCAATATGTGTATATTTATTTATAAATATA TACAGATACTATTATCTGTATGTAGTAATAAAGCTTAAATTATCCATTTTAAATATGAATATGAA TAGGGTTTTTTTATGTTTCTTGCTCATCCCAATGACTTTTGACACCCAGGTGTGAGACCCAGCAT TCAAGACCACG ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001039885.3</u>

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]
Locus ID:	79147
MW:	61.7