

Product datasheet for RC215400L3V

OriGene Technologies, Inc.

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Fukutin (FKTN) (NM_006731) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Fukutin (FKTN) (NM_006731) Human Tagged ORF Clone Lentiviral Particle

Symbol: Fukutin

Synonyms: CMD1X; FCMD; LGMD2M; LGMDR13; MDDGA4; MDDGB4; MDDGC4

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM_006731

 ORF Size:
 1383 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC215400).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through

naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 006731.1, NP 006722.1

 RefSeq Size:
 7364 bp

 RefSeq ORF:
 1386 bp

 Locus ID:
 2218

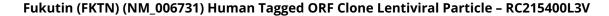
 UniProt ID:
 075072

 Cytogenetics:
 9q31.2

Protein Families: Transmembrane

MW: 53.7 kDa







Gene Summary:

The protein encoded by this gene is a putative transmembrane protein that is localized to the cis-Golgi compartment, where it may be involved in the glycosylation of alpha-dystroglycan in skeletal muscle. The encoded protein is thought to be a glycosyltransferase and could play a role in brain development. Defects in this gene are a cause of Fukuyama-type congenital muscular dystrophy (FCMD), Walker-Warburg syndrome (WWS), limb-girdle muscular dystrophy type 2M (LGMD2M), and dilated cardiomyopathy type 1X (CMD1X). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2010]