

Fukutin (Fktn) Recombinant Protein | Fktn recombinant protein

Recombinant Mouse Fukutin (Fktn), partial

CATALOG #
AAA117604

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Fukutin (Fktn); Recombinant Mouse Fukutin (Fktn); partial; Fktn recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-461aa; Partial
Sequence	KHYLSTRNGA GLSKSKGSRI GFDSTQWRAV KKFIMLTSNQ NVPVFLIDPL ILELINKNFE QVKNTSQGSI SQCTFFCVPR DFTAFALQYH LWKNEEGWFR IAENMGFQCL KIESKDPRLD GIDSLSGTEI PLHYICKLAA HAIHLVVFHE RSSNYLWHGH LRLKEHIDRK FVPFRKLQFG RYPGAFDRPE LQQVTVDGLE VLIPKDPMHF VEEVPHSRFI ECRYKEARAF FQQYLDDNTV EAMAFRKS AK ELLQLAAKTL NKLGVPFWLS SGTCLGWYRQ CNIIPYSKDV DLGIFIQDYK SDIILAFQDA GLPLKHKFGK VEDSLELSFQ GKDDVKLDIF FFYEETDHMW NGGTQAKTGK KFKYLPKFT LCWTEFVDMK VHVPCETLEY IEANYGKTWK IPVKTDWKR SPPNVQPNGI WPISEWDEVI QLY
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Fktn recombinant protein	This protein 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). Two transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21314856
NCBI GeneID	246179
NCBI Accession #	NP_647470.1
NCBI GenBank Nucleotide #	NM_139309.4
UniProt Accession #	Q8R507 ; Q8VD64
Molecular Weight	53,579 Da
NCBI Official Full Name	fukutin
NCBI Official Synonym Full Names	fukutin

NCBI Official Symbol	Fktn
NCBI Official Synonym Symbols	Fcmd; D830030O17Rik
NCBI Protein Information	fukutin
UniProt Protein Name	Fukutin
UniProt Gene Name	Fktn
UniProt Synonym Gene Names	Fcmd

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fktn-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117604>