

Recombinant Human FKTN Protein, GST-tagged

Cat. No. FKTN-4016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FCMD partial ORF (NP_006722, 29 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	37.84 kDa
AA Sequence	KHYLSTKNGAGLSKSKGSRIGFDSTQWRAVKKFIMLTSNQNVFVLIDPLILELINKNF EQVKNTSHGSTSQCKFFCVPRDFTAFALQYHLWKNEEGWFRIAENMGFQCL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

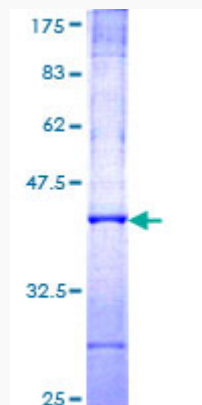
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FKTN fukutin [Homo sapiens]
Official Symbol	FKTN
Synonyms	FKTN; fukutin; FCMD, Fukuyama type congenital muscular dystrophy (fukutin); LGMD2M; patient fukutin; Fukuyama type congenital muscular dystrophy protein; FCMD; CMD1X; MDDGA4; MDDGB4; MDDGC4; MGC126857; MGC134944; MGC134945; MGC138243;
Gene ID	2218
mRNA Refseq	NM_001079802
Protein Refseq	NP_001073270
MIM	607440
UniProt ID	O75072

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA