

## Recombinant Human FKRP Protein, MYC/DDK-tagged

**Cat. No.** FKRP-8883H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein of human fukutin related protein (FKRP), transcript variant 1 with a C-Myc/DDK tag was expressed in HEK293T.                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 54.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method.                                                                                                                                                                                                                                                                                                                                                                                              |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** FKRP fukutin related protein [ Homo sapiens (human) ]

**Official Symbol** FKRP

**Synonyms** FKRP; fukutin related protein; FKTR; MDC1C; LGMD2I; LGMDR9; MDDGA5; MDDGB5; MDDGC5; ribitol 5-phosphate transferase FKRP; ribitol-5-phosphate transferase

**Gene ID** 79147

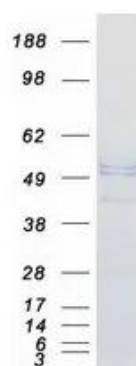
**mRNA Refseq** NM\_024301

**Protein Refseq** NP\_077277

**MIM** 606596

**UniProt ID** Q9H9S5

## SDS-PAGE



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Coomassie blue staining of purified FKRP protein.

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