

Recombinant Human FKRP, His-tagged

Cat. No. FKRP-12920H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FKRP protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	146-495a.a.
Description	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, mental retardation, 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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	FKRP fukutin related protein [Homo sapiens (human)]
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Official Symbol	FKRP
Synonyms	Fkrp; FKRP_HUMAN; FLJ12576; Fukutin related protein; Fukutin-related protein; LGMD2I; MDC1C; MGC2991;
Gene ID	79147
mRNA Refseq	NM_001039885.2
Protein Refseq	NP_001034974.1
MIM	606596
UniProt ID	Q9H9S5
Chromosome Location	19q13.32
Function	transferase activity

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