

Recombinant Human DYSF Protein, His-tagged

Cat. No. DYSF-684H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYSF(Met1~Tyr479) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Tyr479
Description	The protein encoded by this gene belongs to the ferlin family and is a skeletal muscle protein found associated with the sarcolemma. It is involved in muscle contraction and contains C2 domains that play a role in calcium-mediated membrane fusion events, suggesting that it may be involved in membrane regeneration and repair. In addition, the protein encoded by this gene binds caveolin-3, a skeletal muscle membrane protein which is important in the formation of caveolae. Specific mutations in this gene have been shown to cause autosomal recessive limb girdle muscular dystrophy type 2B (LGMD2B) as well as Miyoshi myopathy. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	56.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	DYSF dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive) [Homo sapiens]
Official Symbol	DYSF
Synonyms	DYSF; dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive); LGMD2B; dysferlin; FER1L1; fer-1-like protein 1; dystrophy-associated fer-1-like 1; dystrophy-associated fer-1-like protein; MMD1; FLJ00175; FLJ90168;
Gene ID	8291
mRNA Refseq	NM_001130455
Protein Refseq	NP_001123927

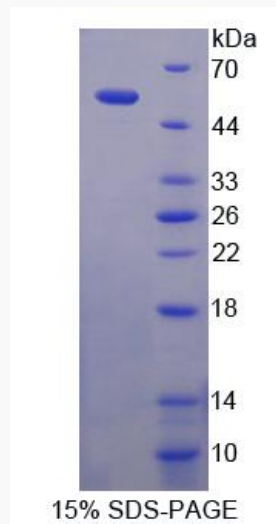
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