

Recombinant Mouse Dysf Protein, Myc/DDK-tagged

Cat. No. Dysf-2703M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dysferlin (Dysf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Key calcium ion sensor involved in the Ca ²⁺ -triggered synaptic vesicle-plasma membrane fusion. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress.
Molecular Mass	239.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dysf dysferlin [Mus musculus (house mouse)]
Official Symbol	Dysf
Synonyms	DYSF; dysferlin; dysferlin_a; dysferlin variant a; fer-1-like protein 1; dystrophy-associated fer-1-like protein; D6Pas3; AI604795; mFLJ00175; 2310004N10Rik
Gene ID	26903
mRNA Refseq	NM_021469
Protein Refseq	NP_067444
UniProt ID	Q9ESD7

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