

Recombinant Human DMD protein, MYC/DDK-tagged

Cat. No. DMD-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DMD, transcript variant Dp140b, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-1243 aa
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	143 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DMD dystrophin [Homo sapiens]
Official Symbol	DMD
Synonyms	DMD; dystrophin; dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270,

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	DXS272; BMD; DXS142; DXS164; DXS206; DXS230; DXS239; DXS268; DXS269; DXS270; DXS272; muscular dystrophy; Duchenne and Becker types; CMD3B;
Gene ID	1756
mRNA Refseq	NM_004021
Protein Refseq	NP_004012
MIM	300377
UniProt ID	P11532
Chromosome Location	Xp21.2
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem; Hypertrophic cardiomyopathy (HCM), conserved biosystem; Muscle contraction, organism-specific biosystem;
Function	PDZ domain binding; actin binding; actin binding; beta-dystroglycan binding; dystroglycan binding; integrin binding; metal ion binding; nitric-oxide synthase binding; protein binding; structural constituent of cytoskeleton; structural constituent of muscle; structural constituent of muscle; zinc ion binding;