

## Recombinant Human DMD protein, MYC/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	DMD dystrophin [ Homo sapiens ]
<b>Official Symbol</b>	DMD
<b>Synonyms</b>	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;

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