

Dystrophin (DMD) Recombinant Protein | DMD recombinant protein

Recombinant Dystrophin (DMD)

CATALOG # AAA134014	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Dystrophin (DMD); Recombinant Dystrophin (DMD); DMD recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	ASQHFLSTSV QGPWERAISP NKVPYYINHE TQTTCWDHPK MTELYQSLAD LNNVRFSAYR TAMKLRLRLQK ALCLDLLSLS AACDALDQHN LKQNDQPM DI LQIINCLTTI YDRLEQEHNN LVNVPLCVDM CLNWLLNVYD TGRTGRIRVL SFKTGIISLC KAHLEDKYRY LFKQVASSTG FCDQRRLLGLL LHDSIQIPRQ LGEVASFGGS NIEPSVRSCF QFANNKPEIE AALFLDWMRL EPQSMVWLPV LHRVAAAETA KHQAKCNICK ECPPIIGFRYR S
Sequence Length	3677
Applicable Applications for DMD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Ala3048~Ser3328
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.2
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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°C 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032281
NCBI GeneID	1756
NCBI Accession #	NP_000100.2
NCBI GenBank Nucleotide #	NM_000109.3
UniProt Accession #	P11532; Q02295; Q14169; Q14170; Q5JYU0; Q6NSJ9; Q7KZ48; Q8N754; Q9UCW3; Q9UCW4; E9PDN1
Molecular Weight	Predicted Molecular Mass: 33.4kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	dystrophin Dp427c isoform
NCBI Official Synonym Full Names	dystrophin
NCBI Official Symbol	DMD
NCBI Official Synonym Symbols	BMD; CMD3B; DXS142; DXS164; DXS206; DXS230; DXS239; DXS268; DXS269; DXS270; DXS272
NCBI Protein Information	dystrophin
UniProt Protein Name	Dystrophin
UniProt Gene Name	DMD
UniProt Entry Name	DMD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dmd-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134014>