

RPB503Hu02 100µg

Recombinant Dystrophin (DMD)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ile253~Lys597

Tags: N-terminal His Tag

Subcellular Location: Membrane, Plasma

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 500µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.9

Predicted Molecular Mass: 42.9kDa

Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

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.

[SEQUENCE]

IIGFRYRS	LKHFNYDICQ	SCFFSGRVAK	GHKMHYPMVE	YCTPTTSGED
VRDFAKVLKN	KFRTKRYFAK	HPRMGYLPVQ	TVLEGDNMET	PASSPQLSHD
DTHSRIEHYA	SRLAEMENS	GSYLNDSISP	NESIDDEHLL	IQHYCQSLNQ
DSPLSQPRSP	AQILISLESE	ERGELERILA	DLEEENRNLO	AEYDRKQQH
EHKGLSPLPS	PPEMMPTSPQ	SPRDAELIAE	AKLLRQHKGR	LEARMQILED
HNKQLESQHL	RLRQLLEQPQ	AEAKVNGTTV	SSPSTSLQRS	DSSQPMLLRV
VGSQTSDSMG	EEDLLSPPQD	TSTGLEEVME	QLNNSFPSSR	GRNTPGK

[IDENTIFICATION]

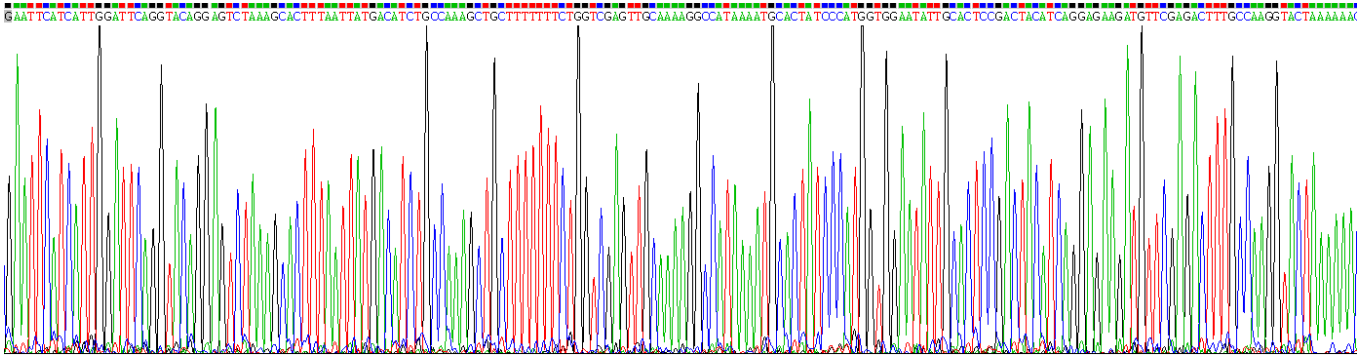


Figure . Gene Sequencing (extract)

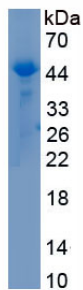


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.