

# Recombinant Dystrophin (DMD) Instruction Manual

## SIPB800Hu02

### Homo sapiens (Human)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Plasma
<b>Predicted Molecular Mass</b>	42.9kDa
<b>Accurate Molecular Mass</b>	45kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ile253~Lys597 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	5.9
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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IIGFRYRS LKHFNYDICQ SCFFSGRVAK GHKMHYPMVE YCTPTTSGED  
VRDFAKVLKN KFRTKRYFAK HPRMGYLPVQ TVLEGDNMET PASSPQLSHD  
DTHSRIEHYA SRLAEMENS N GSYLNDSISP NESIDDEHLL IQHYCQSLNQ  
DSPLSQPRSP AQILISLESE ERGELERILA DLEENRNILQ AEYDRLKQQH  
EHKGLSPLPS PPEMMPTSPQ SPRDAELIAE AKLLRQHKGR LEARMQILED  
HNKQLESQ LH RLRQLLEQPQ AEAKVNGTTV SSPSTSLQRS DSSQPMLLRV  
VGSQTSDSMG EEDLLSPPQD TSTGLEEVME QLNNFPSSR GRNTPGK
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### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.

### STORAGE

