

# Recombinant Dysferlin (DYSF) Instruction Manual

**SIPC780Hu01**

**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  |
| <b>Predicted Molecular Mass</b> | 56.9KDa   |
| <b>Accurate Molecular Mass</b>  | 57kDa(Analysis of differences refer to the manual)                      |
| <b>Residues &amp; Tags</b>      | Met1~Tyr479 with N-terminal His Tag                                     |
| <b>Buffer Formulation</b>       | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| <b>Traits</b>                   | Freeze-dried powder   |
| <b>Purity</b>                   | > 95%   |
| <b>Isoelectric Point</b>        | 5.8   |
| <b>Applications</b>             | Positive Control; Immunogen; SDS-PAGE; WB.                              |

## SEQUENCE

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MLRVFILYAE NVHTPDTDIS DAYCSAVFAG VKKRTKVIKN SVNPVWNEGF  
EWDLKGIPLD QGSELHVVK DHETMGRNRF LGEAKVPLRE VLATPSLSAS  
FNAPLLDTKK QPTGASLVLQ VSYTPLPGAV PLFPPPTPLE PSPTLPDLDV  
VADTGGEEDT EDQGLTGDEA EPFLDQSGGP GAPTTPRKLP SRPPPHYPGI  
KRKRSAPTSR KLLSDKPQDF QIRVQVIEGR QLPGVNIKPV VKVTAAGQTK  
RTRIHKGNSP LFNETLFFNL FDSPGELFDE PIFITVVDSR SLRTDALLGE  
FRMDVGTIYR EPRHAYLRKW LLLSDPDDFS AGARGYLKTS LCVLGPGDEA  
PLERKDPSER KEDIESNLLR PTGVALRGAA FCLKVFRAED LPQMDDAVMD  
NVKQIFGFES NKKNLVDPFV EVSFAGKMLC SKILEKTANP QWNQNITLPA  
MFPSMCEKMR IRIIDWDRLT HNDIVATTY
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## USAGE

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



