Recombinant Myoferlin (MYOF) Instruction Manual

SIPL571Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	62.4kDa
Accurate Molecular Mass	62/44kDa(Analysis of differences refer to the manual)
Residues & Tags	Thr1126~Ile1638 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                          TPIVS CNFDRVYIYH LRCYVYQARN
LLALDKDSFS DPYAHICFLH RSKTTEIIHS TLNPTWDQTI IFDEVEIYGE
PQTVLQNPPK VIMELFDNDQ VGKDEFLGRS IFSPVVKLNS EMDITPKLLW
HPVMNGDKAC GDVLVTAELI LRGKDGSNLP ILPPQRAPNL YMVPQGIRPV
VQLTAIEILA WGLRNMKNFQ MASITSPSLV VECGGERVES VVIKNLKKTP
NFPSSVLFMK VFLPKEELYM PPLVIKVIDH RQFGRKPVVG QCTIERLDRF
RCDPYAGKED IVPQLKASLL SAPPCRDIVI EMEDTKPLLA SKLTEKEEEI
VDWWSKFYAS SGEHEKCGQY IQKGYSKLKI YNCELENVAE FEGLTDFSDT
FKLYRGKSDE NEDPSVVGEF KGSFRIYPLP DDPSVPAPPR QFRELPDSVP
QECTVRIYIV RGLELQPQDN NGLCDPYIKI TLGKKVIEDR DHYIPNTLNP
VFGRMYELSC YLPQEKDLKI SVYDYDTFTR DEKVGETI
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USAGE

Reconstitute in ddH$_2$O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.
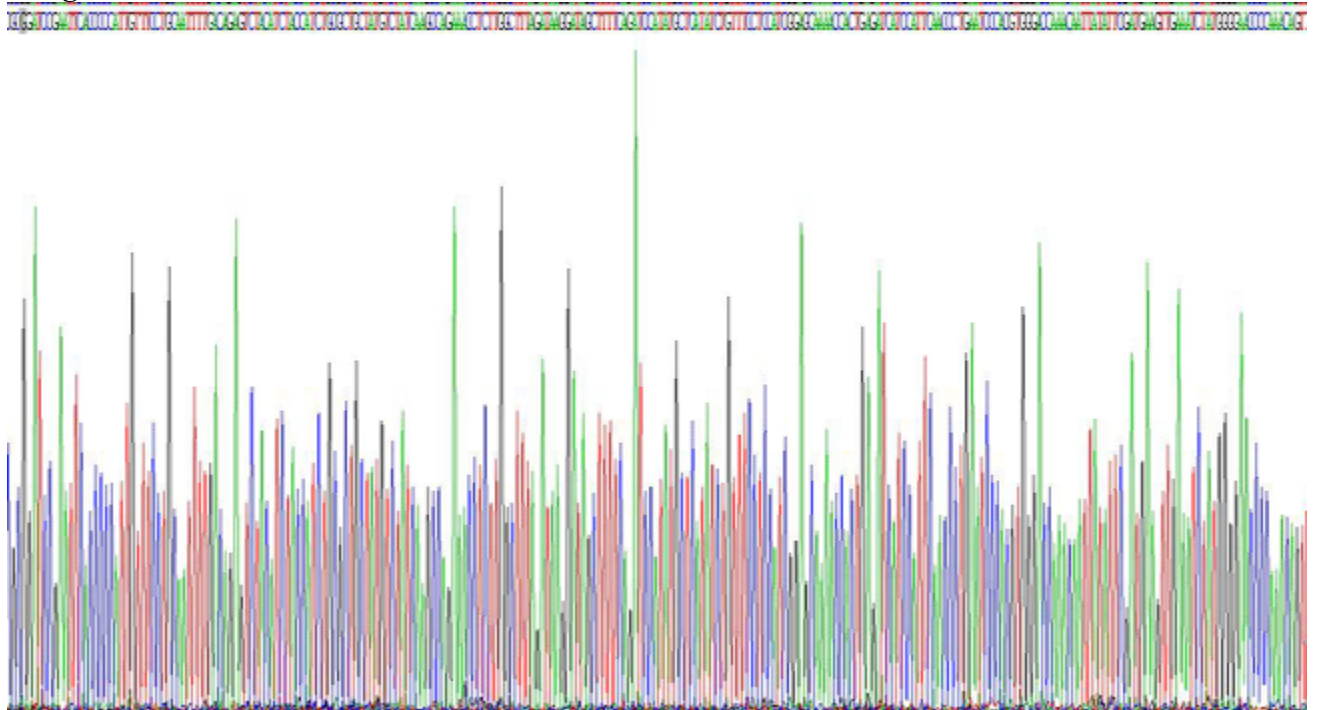
Image

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.