

RPL518Hu01 200µg Recombinant Myoferlin (MYOF) Organism Species: *Homo sapiens (Human)* Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

Cloud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Thr1126~lle1638

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4.

Original Concentration: 50µg/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: 5.3

Predicted Molecular Mass: 62.4kDa

Accurate Molecular Mass: 62/44kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

Reconstitute in ddH_2O to a concentration of 0.1-0.25 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]

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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	

[IDENTIFICATION]

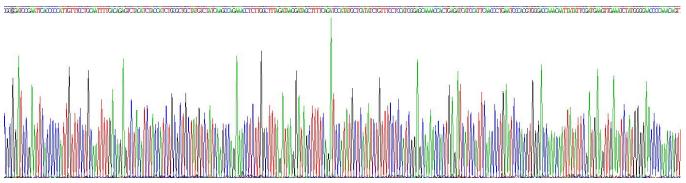


Figure . Gene Sequencing (extract)

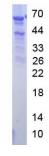


Figure. SDS-PAGE

[<u>IMPORTANT NOTE</u>]

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.