

Recombinant Frataxin (FXN) Instruction Manual

SIPC358Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Mitochondrion, Cytoplasm
Predicted Molecular Mass	22.4kDa
Accurate Molecular Mass	24kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu41~Thr207 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                LHVTVNAGAT  
RHAHLNLHYL QILNIKKQSV CVVHLRNLGT LDNPSSLDET AYERLAEETL  
DSLAEFFEDL ADKPYTLEDY DVSFGDGLT IKLGGDLGTY VINKQTPNKQ  
IWLSSPSSGP KRYDWTGKNW VYSHDGVSLH ELLARELTKA LNTKLDLSSL  
AYSCKGT
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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

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

