

Recombinant Melanotransferrin (MFI2) Instruction Manual

SIPB622Hu01

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	41.3kDa
Accurate Molecular Mass	41kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu366~Ser706 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	5.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LRWCV LSTPEIQKCG DMAVAFRRQR LKPEIQCVSA
KSPQHCMERI QAEQVDAVTL SGEDIYTAGK TYGLVPAAGE HYAPEDSSNS
YYVVAVVRRD SSHAFTLDEL RGKRSCHAGF GSPAGWDVPV GALIQRGFIR
PKKCDVLTAV SEFFNASVCP VNNPKNYPSS LCALCVGDEQ GRNKCVGNSQ
ERYYGIRGAF RCLVENAGDV AFVRHTTVFD NTNGHNSEPW AAELRSEDYE
LLCPNGARAE VSQFAACNLA QIPPHAVMVR PDTNIFTVYG LLDKAQDLFG
DDHNKNGFKM FDSSNYHGQD LLFKDATVRA VPVGEKTTYR GWLGLDYVAA
LEGMSS
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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.

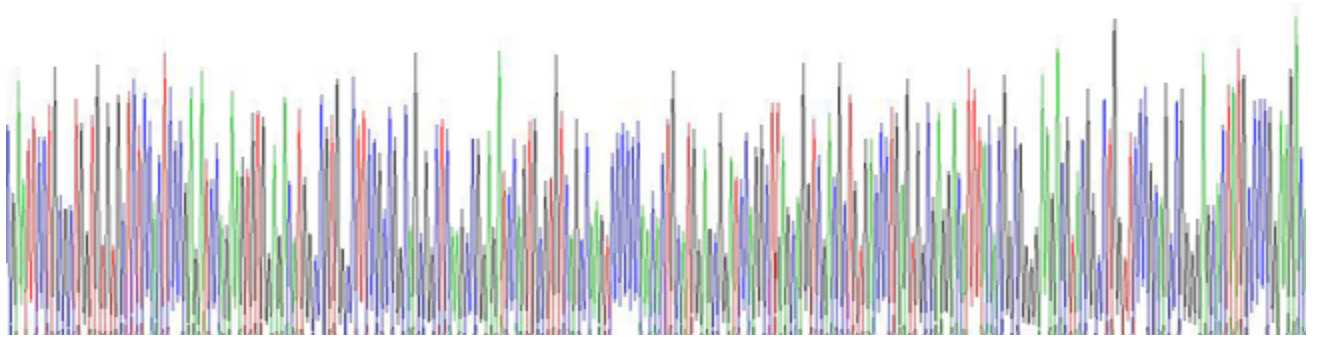
STORAGE

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

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



SDS-PAGE Image

[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.