

Recombinant Milk Fat Globule EGF Factor 8 (MFG8) Instruction Manual

SIPB947Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	69.4kDa
Accurate Molecular Mass	69kDa(Analysis of differences refer to the manual)
Residues & Tags	Cys73~Arg421 with N-terminal His and GST Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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CFHDAKCL VTEDTQRGDI FTEYICQCPV
GYSGIHCELG CSTKLGLEGG AIADSQISAS SVYMGFMGLQ RWGPELARLY
RTGIVNAWTA SSYDSKPWIQ VDFLRKMRVS GVMTQGASRA GRAEYLKTFK
VAYSLDGRRF EFIQDESGTG DKEFMGNQDN NSLKINMFNP TLEAQYIRLY
PVSCHRGCTL RFELLGCELH GCSEPLGLKN NTIPDSQITA SSSYKTWNLK
AFGWYPHLGR LDNQGKINAW TAQSNSAKEW LQVDLGTQKK VTGIITQGAR
DFGHIQYVAS YKVAHSDDGV QWTVYEEQGT SKVFQGNLDN NSHKKNIFEK
PFMARYVRVL PLSWHNRITL R
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

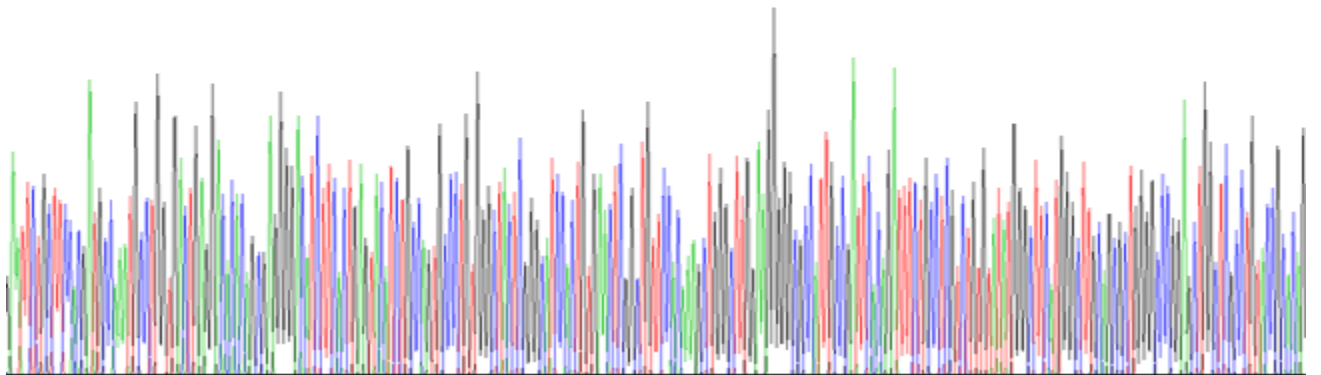
STORAGE

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.