

Recombinant Fucosyltransferase 8 (FUT8) Instruction Manual

SIPF098Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Golgi apparatus
Predicted Molecular Mass	46.1kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Lys206~Lys575 with N-terminal His 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	> 97%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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KARKL VCNINKGCGY GCQLHHVVYC FMIAYGTQRT LILESQNWRY
ATGGWETVFR PVSETCTDRS GLSTGHWSGE VNDKNIQVVE LPIVDSLHPR
PPYLPLAVPE DLADRLLRVH GDPAVWVVSQ FVKYLIRPQP WLEKEIEEAT
KKLGFKHPVI GVHVRRTDKV GTEAAFHPIE EYMVHVEEHF QLLARRMQVD
KKRVYLATDD PTLLEAKTK YSNYEFISDN SISWSAGLHN RYTENSLRGV
ILDIHFLSQA DFLVCTFSSQ VCRVAYEIMQ TLHPDASANF HSLDDIYYFG
GQNAHNQIAV YPHKPRTEEE IPMEPGDIIG VAGNHWDGYS KGINRKLKGT
GLYPSYKVRE KIETVKYPTY PEAEK
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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

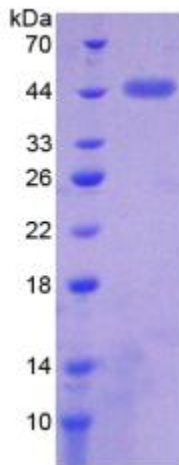


Figure. SDS-PAGE

[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.