YBF198Mu01 100μg

Recombinant Fucosyltransferase 8 (FUT8)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Lys206~Lys575

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q9WTS2

Host: *E. coli*

Subcellular Location: Golgi apparatus. Golgi stack

membrane. Single-pass type II membrane protein.

Purity: >95%

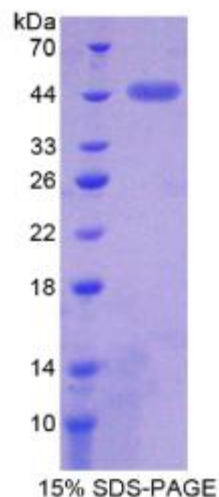Endotoxin Level: <1.0EU per 1μg (determined by the

LAL method).

Formulation: Supplied as lyophilized form in PBS,

pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 6.8

Predicted Molecular Mass:

46.1kDa

Applications: SDS-PAGE; WB; ELISA; IP.

kDa
70
44
33
26
22
18
14
10

15% SDS-PAGE

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]Reconstitute in sterile PBS, pH7.2-pH7.4.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

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