

Recombinant Fucosidase Alpha L2, Plasma (FUCa2) Instruction Manual

SIPD655Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	44.2kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu81~Ile467 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	> 90%
Isoelectric Point	n/a
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                EKIPKYVEFM KDNYPFSKY
EDFGPLFTAK FFNANQWADI FQASGAKYIV LTSKHHEGFT LWGSEYSWNW
NAIDEGPKRD IVKELEVAIR NRTDLRFGLY YSLFEWFHPL FLEDESSSFH
KRQFPVSKTL PELYELVNMY QPEVLWSDGD GGAPDQYWNS TGFLAWLYNE
SPVRGTVVTN DRWGAGSICK HGGFYTCSDR YNPGHLLPHK WENCMTIDKL
SWGRRREAGI SDYLTIEELV KQLVETVSCG GNLLMNIGPT LDGTISVVFE
ERLRQMGSWL KVNGEAIYET HTWRSQNDTV TPDVWYTSKP KEKLVYAIFL
KWPTSGQLFL GHPKAILGAT EVKLLGHGQP LNWISLEQNG INVLPQLTI
HQMPCKWGWA LALTNVI
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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

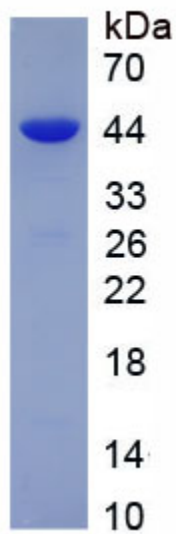


Figure. SDS-PAGE

[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.