

RPD477Hu01 20µg

Recombinant Fucosidase Alpha L2, Plasma (FUCa2)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu81~Ile467

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 50µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 6.0

Predicted Molecular Mass: 44.2kDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration less than or equal to 0.05mg/mL. Do not vortex.

[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. 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.

[SEQUENCE]

EDKIPKYVEFM KDNYPSPFKY
 EDFGPLFTAK FFNANQWADI FQASGAKYIV LTSKHHEGFT LWGSEYSWNW
 NAIDEGPKRD IVKELEVAIR NRTDLRFGLY YSLFEWFHPL FLEDESSSFH
 KRQFPVSKTL PELYELVNNY QPEVLWSDGD GGAPDQYWNS TGFLAWLYNE
 SPVRGTVVTN DRWGAGSICK HGGFYTCSDR YNPGHLLPHK WENCMTIDKL
 SWGYRREAGI SDYLTIEELV KQLVETVSCG GNLLMNIGPT LDGTISVVFE
 ERLRQMGSWL KVNGEAIYET HTWRSQNDTV TPDVWYTSKP KEKLVYAIFL
 KWPTSGQLFL GHPKAILGAT EVKLLGHGQP LNWISLEQNG IMVELPQLTI
 HQMPCKWGWA LALTNI

[IDENTIFICATION]

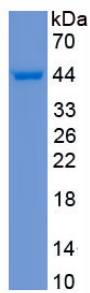


Figure. SDS-PAGE

[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.