RPS092Ra01 100ug

Recombinant Hyaluronoglucosaminidase 1 (HYAL1)

Organism Species: *Rattus norvegicus (Rat)*

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: Ser40~Met449

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 200μg/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: 5.3

Predicted Molecular Mass: 50.1kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

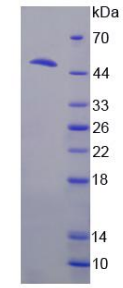
Aliquot and store at -80ºC for 12 months.

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]

S MVSNRPFITV
WNADTHWCLK DHGVDVDVSV FDVVANKEQN FQGPNMTIFY REELGTYPYY
TPTGEPVFGG LPQNASLVTH LAHAFQDIKA AMPEPDFSGL AVIDWEAWRP
RWAFNWDSKD IYQQRSMELV RAEHPDWPET LVEAEAQGQF QEAAEAWMAG
TLQLGQVLRP RGLWGYYGFP DCYNYDFLSP NYTGQCSLSI HDQNDQLGWL
WNQSYALYPS IYLPAALMGT GKSQMYVRYR VQEAFRLALV SRDPHVPIMP
YVQIFYEKTD YLLPLEELEH SLGESAAQGA AGAVLWISSE KTSTKESCQA
IKAYMDSTLG PFILNVTSAA LLCSEALCSG RGRCVRHPSY PEALLTLSPA
SFSIEPTHDG RPLSLKGTLS LKDRAQMAMK FKCRCYRGWS GEWCKKQDM

[IDENTIFICATION]



15% 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.