RPH178Hu01 10μg

Recombinant N-Sulfoglucosamine Sulfohydrolase (SGSH)

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: Arg21~Asn389

Tags: N-terminal His and GST Tag

Subcellular Location: Lysosome

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 800μg/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: 7.1

Predicted Molecular Mass: 71.1kDa

Accurate Molecular Mass: 71kDa 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]

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                         RPRNALLLLA DDGGFESGAY NNSAIATPHL
DALARRSLLF RNAFTSVSSC SPSRASLLTG LPQHQNGMYG LHQDVHHFNS
FDKVRSLPLL LSQAGVRTGI IGKKHVGPET VYPFDFAYTE ENGSVLQVGR
NITRIKLLVR KFLQTQDDRP FFLYVAFHDP HRCGHSQPQY GTFCEKFGNG
ESGMGRIPDW TPQAYDPLDV LVPYFVPNTP AARADLAAQY TTVGRMDQGV
GLVLQELRDA GVLNDTLVIF TSDNGIPFPS GRTNLYWPGT AEPLLVSSPE
HPKRWGQVSE AYVSLLDLTP TILDWFSIPY PSYAIFGSKT IHLTGRSLLP
ALEAEPLWAT VFGSQSHHEV TMSYPMRSVQ HRHFRLVHN
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[IDENTIFICATION]

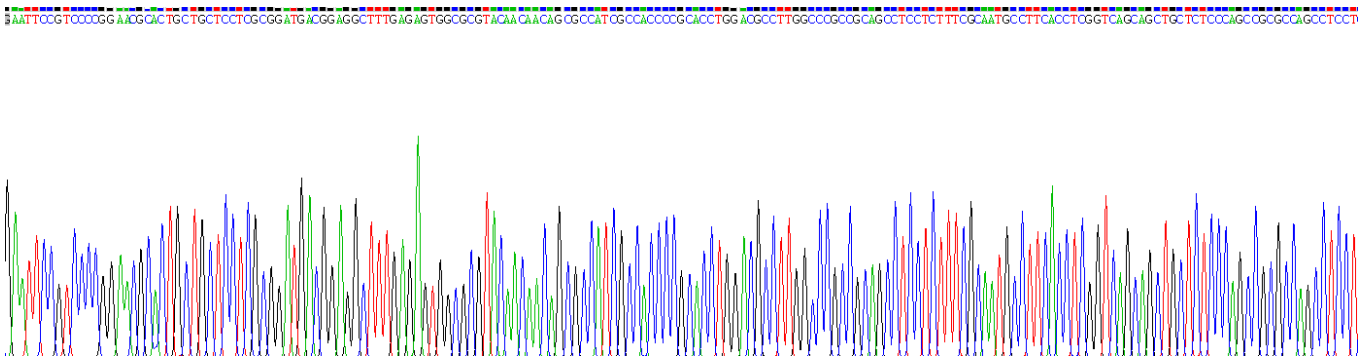

Figure . Gene Sequencing (extract)

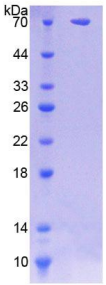

Figure. SDS-PAGE

[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.