Recombinant N-Sulfoglucosamine Sulfohydrolase (SGSH) Instruction Manual

SIPH332Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Lysosome
Predicted Molecular Mass	71.1kDa
Accurate Molecular Mass	71kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg21~Asn389 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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

USAGE

Reconstitute in 10mM PBS (pH7.4) 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

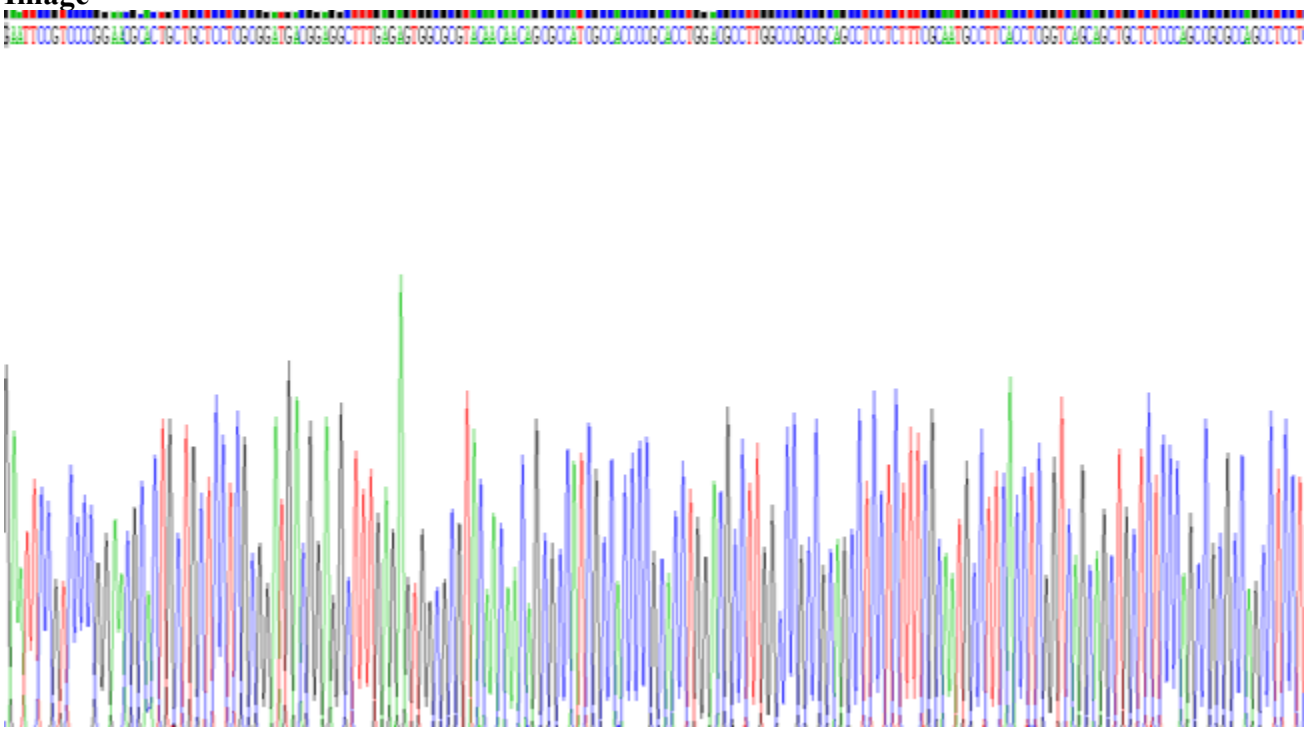

Figure. SDS-PAGE

[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.