

N-sulphoglucosamine sulphohydrolase (SGSH) Recombinant Protein | SGSH recombinant protein

Recombinant Human N-sulphoglucosamine sulphohydrolase (SGSH)

CATALOG # AAA114005	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

N-sulphoglucosamine sulphohydrolase (SGSH); Recombinant Human N-sulphoglucosamine sulphohydrolase (SGSH); SGSH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-502, Full length protein
Sequence	RPRNALLLLA DDGGFESGAY NNSAIATPHL DALARRSLLF RNAFTSVSSC SPSRASLLTG LPQHQNMGMYG LHQDVHHFNS FDKVRSPLLL LSQAGVRTGI IGKKHVGPEP VYPFDFAYTE ENGSLVQVGR NITRIKLLVR KFLQTQDDRP FFLYVAFHDP HRCGHSQPQY GTFCEKFGNG ESGMGRIPDW TPQAYDPLDV LVPYFVPNT AARADLAAQY TTVGRMDQGV GLVLQELRDA GVLNDTLVIF TSDNGIPFPS GRTNLYWPGT AEPLLVSSPE HPKRWGQVSE AYSVLLDLTP TILDWFSIPY PSYAIFGSKT IHLTGRSLLP ALEAEPLWAT VFGSQSHHEV TMSYPMRSVQ HRHFRLVHNL NFKMPFPIDQ DFYVSPTFQD LLNRTTAGQP TGWYKDLRHY YYRARWELYD RSRDPHETQN LATDPRFAQL LEMLRDQLAK WQWETHDPWV CAPDGVLEEK LSPQCQPLHN EL
Sequence Length	482
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for SGSH recombinant protein	This gene encodes one of several enzymes involved in the lysosomal degradation of heparan sulfate. Mutations in this gene are associated with Sanfilippo syndrome A, one type of the lysosomal storage disease mucopolysaccharidosis III, which results from impaired degradation of heparan sulfate. Transcripts of varying sizes have been reported but their biological validity has not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506919
NCBI GeneID	6448
NCBI Accession #	NP_000190.1
NCBI GenBank Nucleotide #	NM_000199.4
UniProt Accession #	P51688 ; A8K5E2
Molecular Weight	56,695 Da
NCBI Official Full Name	N-sulphoglucosamine sulphohydrolase isoform 1

NCBI Official Synonym Full Names	N-sulfoglucosamine sulfohydrolase
NCBI Official Symbol	SGSH
NCBI Official Synonym Symbols	HSS; SFMD; MPS3A
NCBI Protein Information	N-sulphoglucosamine sulphohydrolase
UniProt Protein Name	N-sulphoglucosamine sulphohydrolase
UniProt Gene Name	SGSH
UniProt Synonym Gene Names	HSS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/sgsh-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114005>