

Recombinant Human SGSH, His-tagged

Cat. No. SGSH-2634H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SGSH protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	152-502aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SGSH N-sulfoglucosamine sulfohydrolase [Homo sapiens]
Official Symbol	SGSH
Synonyms	SGSH; N-sulfoglucosamine sulfohydrolase; N-sulphoglucosamine sulphohydrolase; HSS; MPS3A; mucopolysaccharidosis type IIIA; SFMD; sulfamidase; sulphamidase; heparan sulfate sulfatase; sulfoglucosamine sulfamidase;

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Gene ID	6448
mRNA Refseq	NM_000199
Protein Refseq	NP_000190
MIM	605270
UniProt ID	P51688
Chromosome Location	17q25.3
Pathway	Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Heparan sulfate degradation, organism-specific biosystem; Heparan sulfate degradation, conserved biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	N-sulfoglucosamine sulfohydrolase activity; catalytic activity; hydrolase activity; metal ion binding; sulfuric ester hydrolase activity;

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