

Recombinant Full Length Human HGSNAT Protein, GST-tagged

Cat. No. HGSNAT-3538HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HGSNAT full-length ORF (AAH12452.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	206 amino acids
Description	This gene encodes a lysosomal acetyltransferase, which is one of several enzymes involved in the lysosomal degradation of heparin sulfate. Mutations in this gene are associated with Sanfilippo syndrome C, one type of the lysosomal storage disease mucopolysaccharidosis III, which results from impaired degradation of heparan sulfate. [provided by RefSeq]
Molecular Mass	48.7 kDa
AA Sequence	MALGLCRCFHPRHSMAAFGLFPALPSALNSHPACTCLLDPSTWRPAHVSGPALASS PQILSVFSLGFPGFVNGSCVSRYPDIIFPPGLPPPDLSSVSIFYLQLLCSHGHCIT ESGPLLSFSNWPPSLVPFLKSPVHCHQIKLSPARSPLSEKPPLTWKHHCLAHILTYS PSRLDPHTSFQPPLPLHSLPPPPPHPLVSPPL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HGSNAT heparan-alpha-glucosaminide N-acetyltransferase [Homo sapiens (human)]
Official Symbol	HGSNAT
Synonyms	HGSNAT; heparan-alpha-glucosaminide N-acetyltransferase; RP73; HGNAT; MPS3C; TMEM76; heparan-alpha-glucosaminide N-acetyltransferase; transmembrane protein 76; EC 2.3.1.78
Gene ID	138050
mRNA Refseq	NM_152419
Protein Refseq	NP_689632
MIM	610453
UniProt ID	Q68CP4

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