

# Recombinant Full Length Human HGSNAT Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human HGSNAT full-length ORF ( AAH12452.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	206 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	48.7 kDa
<b>AA Sequence</b>	MALGLCRCFHPRHSMAAFGLFPALPSALNSHPACTCLLDPSTWRPAHVSGPALASS PQILSVFSLGFPGFVNGSCVSRYPDIIFPPGLPPPDLPSSVSIFYLQLLCSHGHCIT ESGPLLSFSNWPPSLVPHFLKSPVHCHQIKLSPARSPLEKPPPLTWKHHCLAHILTYS PSRLDPHTSFQPPLPLHSLPPPPHPLVSPPL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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

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