

Recombinant Human HGSNAT Protein, GST-tagged

Cat. No. HGSNAT-4734H 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	Wheat Germ
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 PQILSVFSLGFPGFVNGSCVSRYPDIIFPPGLPPPDLPSSVSIFYLQLLCSHGHCIT ESGPLLSFSNWPPSLVPHFLKSPVHCHQIKLSPARSPLSEKPPLTWKHHCLAHILTYS PSRLDPHTSFQPPLPLHSLPPPPPHPLVSPPL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

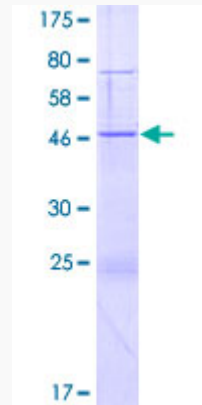
Gene Name	HGSNAT heparan-alpha-glucosaminide N-acetyltransferase [Homo sapiens (human)]
Official Symbol	HGSNAT
Synonyms	HGSNAT; heparan-alpha-glucosaminide N-acetyltransferase; RP73; HGNAT; MPS3C; TMEM76; heparan-alpha-glucosaminide N-acetyltransferase; transmembrane protein 76; EC 2.3.1.78
Gene ID	138050
mRNA Refseq	NM_152419
Protein Refseq	NP_689632
MIM	610453
UniProt ID	Q68CP4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA