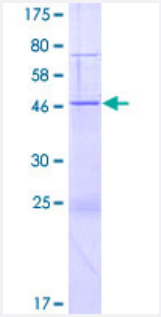
Full-Length

HGSNAT (Human) Recombinant Protein (P01)

Catalog # H00138050-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HGSNAT full-length ORF (AAH12452.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MALGLCRCFHPRHSMAAFGLFPALPSALNSHPACTCLLDPSTWRPAHVSGPALASSPQILSVFS LGFPGFVNGSCVSRYKPDIIFPPGLPPPDLPSSVSIFYLQLLCSHGHCCITESGPLLSFSNWPPSL VPHFLKSPVHCHQIKLSPARSPLSEKPPLTWKHHCLAHILTYSPSRLDPHTSFQPPLPLHSLLPPP PPHPLVSPPL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.7
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HGSNAT

Entrez GeneID	138050
GeneBank Accession#	BC012452.1
Protein Accession#	AAH12452.1
Gene Name	HGSNAT
Gene Alias	DKFZp686G24175, FLJ22242, FLJ32731, HGNAT, MPS3C, TMEM76
Gene Description	heparan-alpha-glucosaminide N-acetyltransferase
Omim ID	252930 610453
Gene Ontology	Hyperlink
Gene Summary	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 sy ndrome C, one type of the lysosomal storage disease mucopolysaccaridosis III, which results fro m impaired degradation of heparan sulfate. [provided by RefSeq
Other Designations	transmembrane protein 76

Pathway

- Glycosaminoglycan degradation
- Lysosome
- Metabolic pathways