

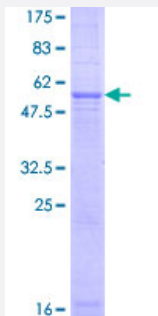
Full-Length

GPSN2 (Human) Recombinant Protein (P01)

Catalog # H00009524-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPSN2 full-length ORF (AAH02425.1, 1 a.a. - 308 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKHYEVEILDAKTREKLCFLDKVEPHATIAEIKNLFKTHPQWYPARQSLRLDPKGKSLKDEDVLQ
KLPVGTATLYFRDLGAQISWVTVFLTEYAGPLFMYLLFYFRVPFIYGHKYDFTSSRHTVVHLACICHS
FHYIKRLLLETLFVHRFSHGTMPLRNIFKNCTYYWGFAAWMAYYINHPLYTPPTYGAQQVKLALAIFVI
CQLGNFSIHMALRDLRPAGSKTRKIPYPTKNPFTWLFLLVSCPNYTYEVGSWIGFAIMTQCLPVALF
SLVGFTQMTWAKGKHRSYLKEFRDYPPLRMPIIFLL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.62

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 — GPSN2

Entrez GeneID	9524
GeneBank Accession#	BC002425
Protein Accession#	AAH02425.1
Gene Name	GPSN2
Gene Alias	SC2, TER
Gene Description	glycoprotein, synaptic 2
Omim ID	610057
Gene Ontology	Hyperlink
Gene Summary	Microsomal long and very long chain fatty acid elongation uses malonyl-CoA as the 2-carbon donor and consists of 4 sequential reactions. TER catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA (Moon and Horton, 2003 [PubMed 12482854]).[supplied by OMIM]
Other Designations	synaptic glycoprotein SC2 trans-2,3-enoyl-CoA reductase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)