

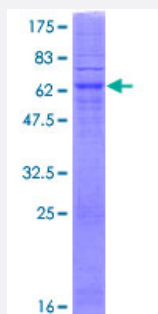
Full-Length

SGPP2 (Human) Recombinant Protein (P01)

Catalog # H00130367-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SGPP2 full-length ORF (NP_689599.2, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAELLRSLQDSQLVARFQRRRCGLFPAPDEGPRENGADPTERAARVPGVEHLPAANGKGGEAP
ANGLRRAAAPEAYVQKYVVKNYFYLLFQFSAALGQEVFYITFLPFTHWNIDPYLSRRLIIMVLMYI
GQVAKDVLKWPRPSSPPVVKLEKRLIAEYGMPSHAMAATAIAFTLLISTMDRYQYPFVLGLVMAV
VFSTLVCLSRLYTGMHTVLDVLGGVLITALLMLTYPAWTFIDCLDSASPLFPVCVIVVPFFLCYNYP
VSDYYSPTRADTTTILAAAGAGVTIGFWINHHFQLVSKPAESLPVIQNIPPLTTYMLVLGLTKFAVGMLI
LLVRQLVQNLSLQVLYSWFKVVTRNKEARRRLEIEVPYKFVITYTSVGICATTFVPMLHRFLGLP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.1

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 — SGPP2

Entrez GeneID	130367
GeneBank Accession#	NM_152386.2
Protein Accession#	NP_689599.2
Gene Name	SGPP2
Gene Alias	FLJ39004, SPP2
Gene Description	sphingosine-1-phosphate phosphatase 2
Gene Ontology	Hyperlink
Gene Summary	Sphingosine-1-phosphate (S1P) is a bioactive sphingolipid metabolite that regulates diverse biological processes. SGPP2 catalyzes the degradation of S1P (Ogawa et al., 2003 [PubMed 12411432]).[supplied by OMIM]
Other Designations	sphingosine 1-phosphate phosphohydrolase 2

Pathway

- [Sphingolipid metabolism](#)