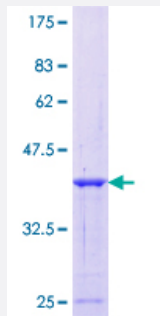


SMPD3 (Human) Recombinant Protein (Q01)

Catalog # H00055512-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SMPD3 partial ORF (NP_061137.1, 557 a.a. - 655 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LYDEDVCTPDNLQKVLESEEGRREYLAFPTSKSSGQKGRKELLKGNGRRIDYMLHAE EGLCPDW KAEVEEFSFITQLSGLTDHLPVAMRLMVSSGEEEA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — SMPD3

Entrez GeneID	55512
GeneBank Accession#	NM_018667
Protein Accession#	NP_061137.1
Gene Name	SMPD3
Gene Alias	FLJ22593, MGC138443, NSMASE2
Gene Description	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)
Omim ID	605777
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	sphingomyelin phosphodiesterase 3, neutral membrane

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)