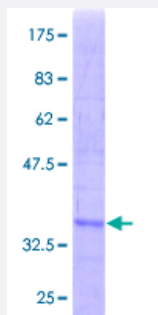


SRM (Human) Recombinant Protein (Q01)

Catalog # H00006723-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SRM partial ORF (AAH00309, 203 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LCCQGECQWLHLDLIKEMRQFCQSLFPVVAYAYCTIPTYPGQIGFMLCSKNPSTNFQEPVQPLT QQQVAQMLQLKYNSDVHRAAFVLPEFARKALNDV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (89); Rat (90)
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 — SRM

Entrez GeneID	6723
GeneBank Accession#	BC000309
Protein Accession#	AAH00309
Gene Name	SRM
Gene Alias	PAPT, SPDSY, SPS1, SRML1
Gene Description	spermidine synthase
Omim ID	182891
Gene Ontology	Hyperlink
Gene Summary	The polyamines putrescine, spermine, and spermidine are ubiquitous polycationic mediators of cell growth and differentiation. Spermidine synthase is one of four enzymes in the polyamine-biosynthetic pathway and carries out the final step of spermidine biosynthesis. This enzyme catalyzes the conversion of putrescine to spermidine using decarboxylated S-adenosylmethionine as the cofactor. [provided by RefSeq]
Other Designations	OTTHUMP00000002170 putrescine aminopropyltransferase spermidine synthase-1

Pathway

- [Arginine and proline metabolism](#)
- [beta-Alanine metabolism](#)
- [Cysteine and methionine metabolism](#)

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