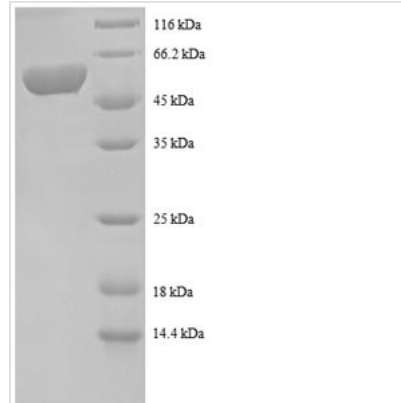




Recombinant Human Spermidine synthase (SRM), partial

Product Code	CSB-RP011154h
Relevance	Catalyzes the production of spermidine from putrescine and decarboxylated S-adenosylmethionine (dcSAM). Has a strong preference for putrescine as substrate, and has very low activity towards 1,3-diaminopropane. Has extremely low activity towards spermidine.
Abbreviation	Recombinant Human SRM protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P19623
Alias	Putrescine aminopropyltransferase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	REGWFRETCSLWPGQALSQVEQLLHRRSRYSYQDILVFRSKTYGNVLVLDGVI QCTERDEFSYQEMIANLPLCSHPNPRKVLIIIGGGDGGVLREVVKHPSVESVQQ CEIDEDVIQVSKKFLPGMAIGYSSSKLTLHVGDGFEFMKQNQDAFDVIITDSSD PMGPAESLFKESYYQLMKTALKEDGVLCQGEQWLHLDLIKEMRQFCQSLF PVVAYAYCTIPTPSGQIGFMLCSKNPSTNFQEPVQPLTQQQVAQMQLKYYN SDVHRAAFVLPEFARKALNDVS
Research Area	Metabolism
Source	E.coli
Target Names	SRM
Expression Region	17-302aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	59.4kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.