



Recombinant Human Spermine synthase (SMS)

Product Code	CSB-EP021854HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P52788
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AAARHSTLDFMLGAKADGETILKGLQSFQEQGMAESVHTWQDHGYLATYTN KNGSFANL RIYPHGLVLLDLQSYDGDAQGKEEIDSILNKVEERMKELSQDSTGRVKRLPIIV RGG AID RYWPTADGRLVEYDIDEVVYDEDESPYQNIKILHSKQFGNILILSGDVNLAESDLA YTRAI MGSGKEDYTGKDVLLILGGDGGILCEIVKLPKMTMVEIDQMVIDGCKKYMR KTCGDVL DNLKGDCYQVLIEDCIPVLKRYAKEGREFDYVINDLTAVPISTSPPEEDSTWEFL RLILD L SMKVLKQDGKYFTQGNCVNLTEALSLYEEQLGRLYCPVEFSKEIVCVPSYLEL WVFYTVW KKAKP
Source	E.coli
Target Names	SMS
Protein Names	Recommended name: Spermine synthase Short name= SPMSY EC= 2.5.1.22 Alternative name(s): Spermidine aminopropyltransferase
Expression Region	2-366
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein belongs to the spermidine/spermine synthases family. This gene encodes an ubiquitous enzyme of polyamine metabolism.
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.