



Recombinant Sonic hedgehog protein (shh)

Product Code	CSB-MP021266DIK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O13238
Product Type	Recombinant Protein
Immunogen Species	Danio aff. tweediei
Purity	≥85% (SDS-PAGE)
Sequence	YGRRRHPPKKL TPLAYKQFIP NVAEKTGAS GRYEGKITRN SERFKELTPN YNPDIIFKDE ENTVMNHWPV VKLRVTEGWD EDGHHFEESL HYEGRAVDIT TSDRDKSKYG TLSRLAVEAG F
Source	Mammalian cell
Target Names	shh
Protein Names	Recommended name: Sonic hedgehog protein Short name= SHH
Expression Region	1-121
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 protein
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.