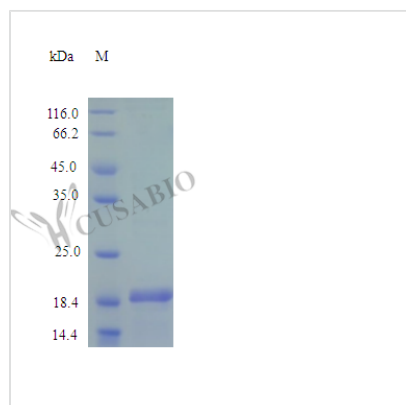




Recombinant Mouse Desert hedgehog protein (Dhh), partial (Active)

Product Code	CSB-AP000541MO
Abbreviation	Recombinant Mouse Dhh protein, partial (Active)
Uniprot No.	Q61488
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4, 1 mM DTT, 0.05 % Tween-80
Product Type	Other
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by murine MC3T3?E1 cells is 5-20 µg/ml.
Purity	>98% as determined by SDS-PAGE.
Sequence	IIGPGRGPVG RRRYVRKQLV PLYKQFVPS MPERTLGASG PAEGRVTRGS ERFRDLVPNY NPDIIKFDEE NSGADRLMTE RCKERVNALA IAVMMNMWPGV RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL LARLAVEAGF DWVYYESRNH IHVSVKADNS LAVRAGG
Research Area	Stem Cells?
Source	E.Coli
Target Names	Dhh
Expression Region	24-198aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	20.0 kDa
Protein Length	Partial
PubMed ID	7916661; 7720571
Image	


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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.