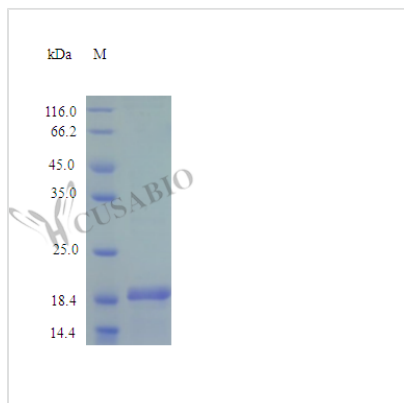




Recombinant Human Desert hedgehog protein (DHH), partial (Active)

Product Code	CSB-AP000411HU
Abbreviation	Recombinant Human DHH protein, partial (Active)
Uniprot No.	O43323
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 10mM PB, pH 6.0, 300mM NaCl
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by C3H10T1/2(CCL-226) cells is 15-45 µg/ml.
Purity	≥96% as determined by SDS-PAGE.
Sequence	II+GPGRGPVG RRRYARKQLV PLLYKQFVPG VPERTLGASG PAEGRVARGS ERFRDLVPTY NPDIIFKDEE NSGADRLMTE RCKERVNALA IAVMMNWPVG RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL LARLAVEAGF DWVYYESRNH VHVSVKADNS 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	19.9 kDa
Protein Length	Partial
PubMed ID	15489334; 11017805; 19561611; 20519495; 15356051

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.