

Recombinant Murine Desert Hedgehog Homolog Cys23Ilelle

#R00577

Size: 5 µg/100 µg/500 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

IIGPGRGPVGRRRYVRKQLVPLLYKQFVPSMPERTLG
ASGPAEGRVTRGSEFRDLVPNYPDIIFKDEENSGA
DRLMTERCKERVNALAIAVMNMWPGVRLRVTEGWD
EDGHHAQDSLHYEGRALDITTSRDRNKYGLLARLA
VEAGFDWVYYESRNHIHVSVKADNSLAVRAGG

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	Q61488
GeneID	13363
Species	Murine
Source	Escherichia coli.
Molecular Weight	Approximately 20.0 kDa, a single non-glycosylated polypeptide chain containing 177 amino acids.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to induce alkaline phosphatase production by murine MC3T3-E1 cells is 5-20 µg/ml.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, 1 mM DTT, 0.05 % Tween-80.
Endotoxin	Less than 0.1 EU/µg of rMuDHH C23II as determined by LAL method.