

Mouse DHH (C23II) Recombinant Protein



RPPB0910

Product Information Protein Information

Product SKU:

RPPB0910

Accession:

Q61488

Host:

Escherichia Coli.

Protein description:

DHH (C23II) Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 177 amino acids and having a molecular mass of 20kDa. The DHH (C23II) is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Desert hedgehog protein, DHH, HHG-3, C78960.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4, 1mM DTT and 0.05% Tween-80.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized DHH (C23II) in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized DHH (C23II) although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution DHH (C23II) should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Amino Acid Sequence:

IIIGPGRGPVG RRRYVRKQLV PLYKQFVPS MPERTLGASG PAEGRVTRGS ERFRDLVPNY NPDIIKFDEE
NSGADRLMTE RCKERVNALA IAVMNMWPGV RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL
LARLAVEAGF DWVYYESRNH IHVSVKADNS LAVRAGG.

Biological Activity:

The ED₅₀ as determined by its ability to induce alkaline phosphatase production by murine MC3T3-E1 cells is 5-20 µg/ml.