

Active Recombinant Mouse Hhip

Cat. No. Hhip-271M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hhip (Accession # AAD31172) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Lys24 & Asp52
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit Sonic Hedgehog (Shh) induction of alkaline phosphatase production in C3H10T1/2 mouse embryonic fibroblast cells. The ED50 for this effect is typically 1.5 - 7.5 µg/mL in the presence of 5 µg/mL rmShh.
Molecular Mass	Recombinant Mouse Hhip has a calculated MW of 76 kDa & 73 kDa. In SDS-PAGE migrates as 80-90 kDa and 58-64 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.

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GENE INFORMATION

Gene Name	Hhip Hedgehog-interacting protein [Mus musculus]
Official Symbol	Hhip
Synonyms	HHIP; Hedgehog-interacting protein; hedgehog-interacting protein; Hhip1;
Gene ID	15245
mRNA Refseq	NM_020259
Protein Refseq	NP_064655
MIM	

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