

Mouse Sonic Hedgehog C25II Recombinant Protein

Product Details

Size	100 µg
Species	Mouse
Expression system	E. coli
Amino acid sequence	Mouse Sonic Hedgehog, C25II recombinant protein contains 175 amino acids
Molecular weight	19.7 kDa
Class	Recombinant
Type	Protein
Purity	>95% by SDS-PAGE
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 = 0.2 - 1.2 µg/mL; determined by the dose-dependent induction of alkaline phosphatase in mouse C3H10T1/2 mesenchymal cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	4° C

Applications

Tested Dilution

Publications

Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: Centrifuge the vial briefly, before opening to bring the contents to the bottom. Reconstitute the lyophilized protein in sterile, 20 mM Citrate Buffer pH 5.0 or 10 mM Acetic Acid to a concentration of 0.1-0.5 mg/mL to regain full activity. Apportion the reconstituted protein into working aliquots and store at -20°C. Make any further dilutions of there constituted protein in medium or buffered solution containing carrier protein, such as PBS with 0.1% BSA.

Storage: Store the lyophilized protein at 2-8°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at -20°C (not in a frost-free freezer). Avoid repeated freeze-thaw cycles.

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