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Product Datasheet

Recombinant Rat Sonic hedgehog N-product/SHH Protein, Human ABB-RP01896

Article Name	Recombinant Rat Sonic hedgehog N-product/SHH Protein, Human
Biozol Catalog Number	ABB-RP01896
Supplier Catalog Number	RP01896
Alternative Catalog Number	ABB-RP01896-500UG, ABB-RP01896-50UG, ABB-RP01896-20UG, ABB-RP01896-10UG, ABB-RP01896-100UG, ABB-RP01896-1000UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Rat
Immunogen	Ala24-Gly198
Product Description	Sonic Hedgehog Protein (SHH, VHH-1) belongs to hedgehog protein family which includes Indian Hh, and Desert Hh. Hh family is involved in the cell fate and patterning during embryonic development, homeostasis, and adult tissue renewal . Similar to oth...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	20.53 kDa
NCBI	29499
UniProt	Q63673
Purity	90% as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Sequence	ACGPGRGFGKRQHPKKLTPLAYKQFIPNVAEKTLGASGRYEGKITRNSERFKE LTPNYNPDIIFKDEENTGADRLMTQRCKDKLNALAISVMNQWPGVKLRVTEG WDEDGHHSEESLHYEGRAVDITTSDRDRSKYGMLARLAVEAGFDWVYYESK ARIHCSVKAENSVAAKSDG
Target	Shh
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Cytokines & Cytokine receptors, Cell Culture related