

Sonic HedgeHog Human Recombinant, His Tag

Item Number	rAP-0439
Synonyms	SHH, HHG-1, HHG1, Sonic hedgehog protein, TPT, HLP3, HPE3, SMMCI, TPTPS, MCOPCB5.
Description	Sonic HedgeHog Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 183 amino acids and having a molecular mass of 20.7kDa. The Sonic HedgeHog is fused to 8 amino acid His-Tag at C-terminus and purified by proprietary chromato-
Uniprot Accesion Number	Q15465
Amino Acid Sequence	MCGPGRGFGK RRHPKLTPL AYKQFIPNVA EKTLGASGRY EGKISRNSER FKELTPNYNP DIIFK- DEENT GADRLMTQRC KDKLNALAI VMNQWPGVKL RVTEGWDEDG HHSEESLHYE GRAVDITTSR RDRSKYGMLA RLAVEAGFDW VYYESKAHIIH CSVKAENSVAKSGGLEHHH HHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.
Formulation and Purity	SHH Human solution containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**