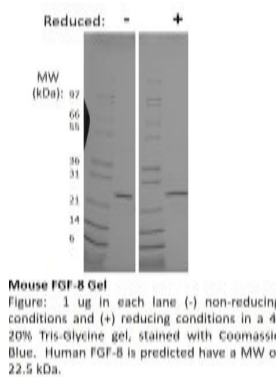


Human / Mouse Indian Hedgehog

Catalog No.	CRH310A CRH310B CRH310C	Quantity:	5 µg 100 µg 1 mg
Alternate Names:	HHG-2		
Description:	Indian hedgehog (IHH) is an essential signaling factor that is secreted in the gut, cartilage, and bone during embryonic development. IHH acts through the patched (PTC) receptor to induce transcriptional changes important for bone and cartilage development. IHH also induces the expression of parathyroid hormone-related peptide (PTHrP), which in turn mediates IHH activity during chondrocyte differentiation, forming a negative feedback loop. Human and murine Indian Hedgehog proteins have 100% sequence homology.		
Protein Accession No:	Q14623		
Source:	<i>E. coli</i>		
Molecular Weight:	Monomer, 19.9 kDa (177 aa)		
Formulation:	Lyophilized from a sterile-filtered solution containing 0.1% Trifluoroacetic Acid (TFA)		
Purity:	≥95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤1 EU/µg by kinetic LAL analysis		
Amino Acid Sequence:	MIIGPGRVVG SRRRPPRKLV PLAYKQFSPN VPEKTLGASG RYEGKIARSS ERFKELTPNY NPDIIFKDEE NTGADRLMTQRCKDRLNSLA ISVMNQWPGV KLRVTEGWDE DGHHSSESLH YEGRAVDITT SDRDRNKYGL LARLAVEAGF DWVYYESKAH VHCSVKSEHSAAAKTGG		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipetting the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for reconstitution. A small amount of precipitate may be seen.		
Storage & Stability:	Upon receipt, store as supplied at -20 °C for up to 1 year. Upon reconstitution, the preparation is stable for up to one month at 2-8 °C. For long term storage reconstitute in working aliquots containing 0.1% BSA and store at -20 °C. Avoid repeated freeze-thaw cycles.		



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.