

Bioactive

IHH (Human) Recombinant Protein

Catalog # P8202

Size 25 ug

Specification

Product Description	Human IHH (Q14623, 27 a.a. - 202 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	IIGPGRVVGSRRRPPRKLVPLAYKQFSPNVPEKTLGASGRYEGKIARSSERFKELTPNYPDIIFKD EENTGADRLMTQRCKDRLNSLAISVMNQWPGVKLRVTEGWDEDGHHSEESLHYEGRAVDITTSD RDRNKYGLLARLAVEAGFDWVYYESKAHVHCSVKSEHSAAKTGG
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	19.8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Activity	The ED ₅₀ is 3.0 - 10.0 ug/mL as determined by the ability to induce alkaline phosphatase production by C3H/10T1/2 (CCL-226) cells, corresponding to a specific activity of 100 - 334 units/mg..
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IHH

Entrez GeneID	3549
Protein Accession#	Q14623
Gene Name	IHH
Gene Alias	BDA1, HHG2
Gene Description	Indian hedgehog homolog (Drosophila)
Omim ID	112500 600726 607778
Gene Ontology	Hyperlink
Other Designations	Indian hedgehog homolog

Pathway

- [Hedgehog signaling pathway](#)

Disease

- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Hirschsprung Disease](#)
- [Kidney Failure](#)