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Datasheet for ABIN7505521

Indian Hedgehog Protein (IHH) (AA 1-135) (His tag)

Overview

Quantity:	100 µg
Target:	Indian Hedgehog (IHH)
Protein Characteristics:	AA 1-135
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Indian Hedgehog protein is labelled with His tag.

Product Details

Sequence:	Met 1-Gly 135
Characteristics:	A DNA sequence encoding the Rat Ihh protein (Q9WV29) (Met 1-Gly 135) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Indian Hedgehog (IHH)
Alternative Name:	Ihh (IHH Products)
Background:	<p>Background: Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. Implicated in endochondral ossi</p> <p>Synonym: IHH, Indian hedgehog homolo, Ihh</p>

Target Details

Molecular Weight:	14.74 kDa
UniProt:	Q9WV29
Pathways:	Hedgehog Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months