

# Product datasheet for AR51045PU-S

## Desert hedgehog / DHH (23-198, His-tag) Human Protein

### **Product data:**

Description: Desert hedgehog / DHH (23-198, His-tag) human protein, 0.1 mg	
Species: Human	
Expression Host: E. coli	
Expression cDNA Clone or AA Sequence:MGSSHHHHHH SSGLVPRGSH MGSMIIGPGR GPVGRRRYAR KQLVPLLYKQ FVPGVPER GASGPAEGRV ARGSERFRDL VPNYNPDIIF KDEENSGADR LMTERCKERV NALAIAVMNN WPGVRLRVTE GWDEDGHHAQ DSLHYEGRAL DITTSDRDRN KYGLLARLAV EAGFDWVY SRNHVHVSVK ADNSLAVRAG G	Λ
Tag: His-tag	
Predicted MW:22.4 kDa	
Concentration: lot specific	
Purity: >90% by SDS - PAGE	
Buffer:Presentation State: PurifiedState: Liquid purified proteinBuffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerolDTT	, 1 mM
Preparation: Liquid purified protein	
Storage:Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Arepeated freezing and thawing.	void
Stability:Shelf life: one year from despatch.	
<b>RefSeq:</b> <u>NP 066382</u>	
Locus ID: 50846	
UniProt ID: <u>043323</u>	



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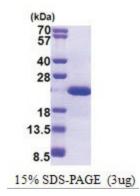
#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

	Desert hedgehog / DHH (23-198, His-tag) Human Protein – AR51045PU-S
Summary:	This gene encodes a member of the hedgehog family. The hedgehog gene family encodes signaling molecules that play an important role in regulating morphogenesis. This protein is predicted to be made as a precursor that is autocatalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the organism. Defects in this protein have been associated with partial gonadal dysgenesis (PGD) accompanied by minifascicular polyneuropathy. This protein may be involved in both male gonadal differentiation and perineurial development. [provided by RefSeq, May 2010]
Protein Familie	es: Druggable Genome, ES Cell Differentiation/IPS, Protease

**Protein Pathways:** Hedgehog signaling pathway

# Product images:



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