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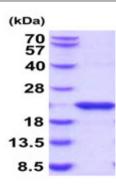
AR51857PU-S Human Sonic hedgehog (SHH) (24-197,) - Purified

Alternate names:	HHG-1, Sonic hedgehog protein
Quantity:	50 µg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	SHH, also known as Sonic hedgehog protein, is one of three proteins in the mammalian signaling pathway family called hedgehog. It plays a key role in regulating vertebrate organogenesis, such as in the growth of digits on limbs and organization of the brain. It controls cell division of adult stem cells and has been implicated in development of some cancers.
Uniprot ID:	<u>Q15465</u>
NCBI:	<u>NP_000184</u>
GenelD:	<u>6469</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: Phosphate buffered saline (pH7.4). Endotoxin Level: < 1.0 Eu per 1 microgram of protein (determined by LAL method)
Description:	Recombinant human SHH was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MIIGPGRGFG KRRHPKKLTP LAYKQFIPNV AEKTLGASGR YEGKISRNSE RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDKLNALAI SVMNQWPGVK LRVTEGWDED GHHSEESLHY
	egravditts drdrskygml arlaveagfd wvyyeskahi hcsvkaensv aaksgg Molecular weight: 19.8 kDa (176aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Richieri-Costa A., et al. (2006) Am. J. Med. Genet. A 140:2587-2593. El-Jaick K.B., et al (2005) Am. J. Med. Genet. A 136:345-345.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Pictures:



15% SDS-PAGE (3ug)

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