

Recombinant Human DHH Protein

产品信息

产品名称	产品编号	规格
Recombinant Human DHH Protein	92606ES10	10 µg
	92606ES60	100 µg
	92606ES80	1 mg

产品简介

Desert Hedgehog (Dhh) belongs to the highly conserved Hedgehog family of proteins which are involved in multiple developmental processes. DHH is a secreted, 45 kDa, 373 amino acid (aa) protein that undergoes autocatalytic cleavage between Gly198 and Cys199 catalyzed by the C-terminal domain, which releases the N-terminal domain with a concomitant attachment of cholesterol at its new C-terminus. In addition to the C-terminally attached cholesterol, a fatty acid acyl chain is esterified to the N-terminal cysteine (aa 23) via an amide linkage.

性能参数

Synonyms	DHH; desert hedgehog protein; Desert Hedgehog; DHH; HHG-3MGC35145
Uniprot No.	O43323
Source	Human DHH Protein is expressed from HEK293 without tag. It contains Cys23-Gly198 (Cys23Ile-Ile), with and without an N-terminal Met.
Molecular Weight	The protein has a predicted 19.8 kDa
Purity	> 95% as determined by SDS-PAGE.
Biological Activity	Measured by its ability to induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells. The EC50 for this effect is 1-15 µg/mL.
Endotoxin	< 0.01 EU per 1 µg of the protein by the LAL method.
Formulation	Dissolved in sterile PBS buffer. This solution can be diluted into other aqueous buffers. Centrifuge the vial prior to opening.

储存条件

The product should be stored at -85~-65°C for 1 year from date of receipt.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.