

Recombinant Mouse Hook1 Protein, Myc/DDK-tagged

Cat. No. Hook1-3428M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length hook microtubule tethering protein 1 (Hook1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for spermatid differentiation. Probably involved in the positioning of the microtubules of the manchette and the flagellum in relation to the membrane skeleton. Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex).
Molecular Mass	84.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Hook1 hook microtubule tethering protein 1 [Mus musculus (house mouse)]
Official Symbol	Hook1
Synonyms	HOOK1; hook homolog 1 (Drosophila); protein Hook homolog 1; mHK1; abnormal spermatozoon head shape; azh; A930033L17Rik
Gene ID	77963
mRNA Refseq	NM_030014
Protein Refseq	NP_084290
UniProt ID	Q8BIL5

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