

Product datasheet for TP510328

Hook1 (NM_030014) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hook microtubule tethering protein 1 (Hook1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210328 protein sequence Red=Cloning site Green=Tags(s)

MEDPQPLPQSELPLCDSLIIWLQTFKTASPCQDVKQLTNGVTMAQVLHQIDVAWFSESWLSRIKDDVGD
 N
 WRIKASNLKKVLHGITSYYHEFLGQQISEELIPDLNQITECADPVELGRLLQLILGCAVNCEKKQEHIKN
 IMTLEESVQHVMATAIQELMSKEIVISPASDTVGELEQQKRALEELQEAIAEKEELKQRCQELDMQVTT
 LQDEKNSLVSENNEMNEKLDQLDGSFDDPNTMVAKKYFHVQLQLEQLQEENYRLEAAKDDYRVHCEEL
 EK
 QLIEFQHRNDELTSLAETRALKDEIDVLRATSDKANKLESTVEVYRQKLQDLNDRKQVKSLEQETNMMY
 MHNTVSLEELKKANAARAQLETYKRQVQDLHTKLSSESKRADTLAFEMKRLEEKHETLLKEKERLIEQR
 DTLKETNEELRCSKAQQDHLNQADASATKSYENLAAEIMPVEYREVFIQLHENKMLRLQQEGTENERIE
 QLQEQLQKHKRMNELETEQRLSKERIGELQQQIEDLQKSLQEQQSGKSEGESSSKLKQKLEAHMEKLTEV
 HEELQKKQELIEDLQPDISQNAQKISELEAALQKKDEDMKAMEERYKMYLEKARNVIKTLDPKLNPAEAE
 IMLLRKQLAEKERRIEILESECKVAKLRDYEEKLIVSAWYNKSLAFQKLGME SRLVSGASACKDSVAAA
 ARSFLAQQRHITNTRNLSVKVPAAASD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	84.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.


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Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_084290</u>
Locus ID:	77963
UniProt ID:	<u>Q8BIL5</u>
RefSeq Size:	4252
Cytogenetics:	4 44.17 cM
RefSeq ORF:	2184
Synonyms:	A930033L17Rik; azh
Summary:	Required for spermatid differentiation. Probably involved in the positioning of the microtubules of the manchette and the flagellum in relation to the membrane skeleton (PubMed:12075009). 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) (By similarity).[UniProtKB/Swiss-Prot Function]