

Product datasheet for **TP302517**

HOOK1 (NM_015888) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human hook homolog 1 (Drosophila) (HOOK1), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC202517 protein sequence
Red=Cloning site **Green**=Tags(s)

MEETQPPPQPKLPLCDSLMIWLQTFNTASPCQDVKQLTSGVAMAQVLHQIDAAWFNESWLSRIKEDVGDN
WRIKASNVKKVLQGIMSYHHEFLGQQISEALIPDLNQITECSDPVELGRLLQLILGCAINCEKKQEHIQN
IMTLEESVQHVVMTAIQELMSKEILSSPPNDVAVGELEQQKRALEELQEALAEKEELRQRCEELDMQVTT
LQDEKNSLVSENNEMNEKLDQLDGSFDDPNTVWAKKYFHAQLQLEQLQEENFRLEAAKDDYRVHCEELEK
QLIEFQHRNDELTSLAETRALKDEIDVLRATSDKANKLESTVEIYRQKLQDLNDRKQVKTLQETNMMY
MHNTVSLEELKKANAARTQLETYKRQVQDLHVKLSSSKRADTLAFEMKRLEEKHEALLKEKERLIEQR
DTLKETNEELRCSQVQQDHLNQTDAATKSYENLAAEIMPVEYREVFIQLHENKMLRLQQEGSENERIE
ELQEQLQKHRKMNELETEQRLSKERIRELQQQIEDLQKSLQEQGSKSEGESSSKLKQKLEAHMEKLTVEV
HEELQKKQELIEDLQPDINQNVQKINELEAALQKKDEDMKAMEERYKMYLEKARNVIKTLDPKLNPAEAE
IMLLRQKLAEKERRIEIIESECKVAKFRDYEEKLIVSAWYNKSLAFQKLGMSRLVSGGGACSDTGACTP
ARSFLAQQRHITNTRRNLVSVKVPATTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

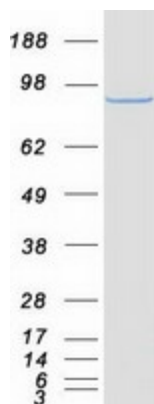
Tag: C-Myc/DDK
Predicted MW: 84.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.



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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:	NP_056972
Locus ID:	51361
UniProt ID:	Q9UJC3
RefSeq Size:	5865
Cytogenetics:	1p32.1
RefSeq ORF:	2184
Synonyms:	HK1
Summary:	This gene encodes a member of the hook family of coiled-coil proteins, which bind to microtubules and organelles through their N- and C-terminal domains, respectively. The encoded protein localizes to discrete punctuate subcellular structures, and interacts with several members of the Rab GTPase family involved in endocytosis. It is thought to link endocytic membrane trafficking to the microtubule cytoskeleton. Several alternatively spliced transcript variants have been identified, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified HOOK1 protein (Cat# TP302517). The protein was produced from HEK293T cells transfected with HOOK1 cDNA clone (Cat# [RC202517]) using MegaTran 2.0 (Cat# [TT210002]).