

Product datasheet for PH302517

HOOK1 (NM_015888) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HOOK1 MS Standard C13 and N15-labeled recombinant protein (NP_056972)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202517
Predicted MW:	84.6 kDa
Protein Sequence:	>RC202517 protein sequence Red =Cloning site Green =Tags(s)

MEETQPPPPQPKLPLCDSLMIWLQTFNTASPCQDVKQLTSGVAMAQVLHQIDAAWFNESWLSRIKEDVGDN
 WRIKASNVKKVLQGIMSYHFLGQQISEALIPDLNQITECSDPVELGRLLQLILGCAINCEKKQEHQIN
 IMTLEESVQHVVMTAIQELMSKEILSSPPNDVAGELEQQLKRALEELQEALAEKEELRQRCEELDMQVTT
 LQDEKNSLVSENNEMNEKLDQLDGSFDDPNTVVAKKYFHAQLQLEQLQEENFRLEAAKDDYRVHCEELEK
 QLIEFQHRNDEL TSAEETRALKDEIDVLRATSDKANKLESTVEIYRQKLQDLNDRKQVKTQLQETNMMY
 MHNTVSLEELKKANAARTQLETYKRQVQDLHVKLSSSKRADTLAFEMKRLEEKHEALLKEKERLIEQR
 DTLKETNEELRCSQVQDHLNQTDASATKSYENLAAEIMPVEYREVFIRLQHENKMLRLQEGSENERIE
 ELQEQLQKHKMNELETEQRLSKERIRELQQQIEDLQKSLQEQQSKSEGESSSKLKQKLEAHMEKLTEV
 HEELQKKQELIEDLQPDINQNVQKINELEAALQKKDEDMKAMEERYKMYLEKARNVIKTLDPKLNPSAE
 IMLLRKQLAEKERRIEILESECKVAKFRDYEEKLIVSAWYNKSLAFQKLGMSRLVSGGGACSDTGACTP
 ARSFLAQQRHITNTRNLSVKVPATTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

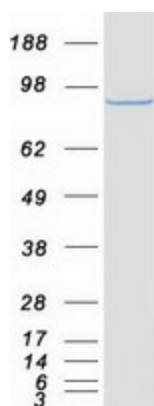
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_056972


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RefSeq Size: 5865
 RefSeq ORF: 2184
 Synonyms: HK1
 Locus ID: 51361
 UniProt ID: [Q9UJC3](#)
 Cytogenetics: 1p32.1

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]).