

Product datasheet for PH308912

HOOK3 (NM_032410) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HOOK3 MS Standard C13 and N15-labeled recombinant protein (NP_115786)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208912
Predicted MW:	83.1 kDa
Protein Sequence:	>RC208912 protein sequence Red=Cloning site Green=Tags(s)

MFSVESLERAELCESLLTWIQTFNVDAPCQTVEDLTNGVVMAQVLQKIDPAYFDENWLNRIKTEVGDNWR
LKI SNLKKILKGILDYNHEILGQQINDFTLPDVNLIGEHSDAEELGRMLQLILGCAVNCEQKQEYIQAIM
MMEESVQHVVMTAIQELMSKESPVSAAGNDAYVDLDRQLKKTTEELNEALSAKEEIAQRCHELDMQVAALQ
EEKSSLLAENQVLMERLNQSDSIEDPNPAGRRHLQLQTLEQLQEETFRLAAKDDYRIRCEELEKEIS
ELRQNDLTTLADEAQLKDEIDVLRHSSDKVSKLEGQVESYKKKLEDLGLRRQVKLLEEKNTMYMQN
TVSLEEELRKANAARSQLETYKRQVVELQNRLSEESKADKLDFFEYKRLKEKVDSLQKEKDRLRTERDSL
KETIEELRCVQAQEGQLTTQGLMPLGSQESSDSLAAEIVTPEIREKLIRLQHENKMLKLNQEGSDNEKIA
LLQSLDDANLRKNELE TENRLVNQRLLEVQSQVEELQKSLQDQGSKAEDSVLLKKKLEEHLEKLHEANN
ELQKKRAIIEEDLEPRFNNSLKIIEELQEALRKKEEMKQMEERYKKYLEKAKSVIRLDPKQNGGAPEI
QALKNQLQERDRLFHSLEKEYEKTKSQREMEEKYIVSAWYNMGM TLHKKAAEDRLASTGSGQSFLARQRQ
ATSSRRSYPGHVQPATAR

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_115786

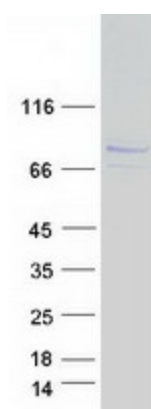


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RefSeq Size:	14460
RefSeq ORF:	2154
Synonyms:	HK3
Locus ID:	84376
UniProt ID:	Q86VS8
Cytogenetics:	8p11.21

Summary: Hook proteins are cytosolic coiled-coil proteins that contain conserved N-terminal domains, which attach to microtubules, and more divergent C-terminal domains, which mediate binding to organelles. The *Drosophila* Hook protein is a component of the endocytic compartment.[supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified HOOK3 protein (Cat# [TP308912]). The protein was produced from HEK293T cells transfected with HOOK3 cDNA clone (Cat# [RC208912]) using MegaTran 2.0 (Cat# [TT210002]).