

Recombinant Human HOOK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HOOK3-2880H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HOOK3 MS Standard C13 and N15-labeled recombinant protein (NP_115786) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	83.1 kDa
AA Sequence	MFSVESLERAEELCESLLTWIQTFFNVDAPCQTVEDLTNGVVMAQVLQKIDPAYFDEN WLNRIKTEVGDNWRLKISNLKKILKGILDYNHEILGQQINDFTLPDVNLIGEHSDAEEL GRMLQLILGCAVNCEQKQEYIQAIMMMEEESVQHVVMTAIQELMSKESPVSAAGNDAY VDLDRQLKKTTEELNEALSAKEEIAQRCHELDMQVAALQEEKSSLLAENQVLMERLN QSDSIEDPNPAGRRHLQLQTQLEQLQEETFRLEAAKDDYRIRCEELEKEISELRQQ NDELTTLADEAQLKDEIDVLRHSSDKVSKLEGQVESYKKKLEDLGLRRQVKLLEE KNTMYMQNTVSLEELRKANAARSQLETYKRQVVELQNRLSEESKKADKLDFFEYKR LKEKVDLSLQKEKDRLRTERDSLKETIEELRCVQAQEGQLTTQGLMPLGSQESSDSL AAEIVTPEIREKLIRLQHENKMLKLNQEGSDNEKIALQLSLDDANLRKNELETENRLV

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NQRLLEVQSQVEELQKSLQDQGSKAEDSVLLKKKLEEHLEKLHEANNELQKKRAIIE
 DLEPRFNNSSLKIEELQEALRKKEEEMKQMEERYKKYLEKAKSVIRTLDPKQNQGAA
 PEIQALKNQLQERDRLFHSLEKEYEKTQSQREMEEKYIVSAWYNMGMTLHKKAAED
 RLASTGSGQSFLARQRQATSSRRSYPGHVQPATARTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HOOK3 hook microtubule tethering protein 3 [Homo sapiens (human)]

Official Symbol HOOK3

Synonyms HOOK3; hook homolog 3 (Drosophila); protein Hook homolog 3; HK3; hHK3; h-hook3; FLJ31058;

Gene ID 84376

mRNA Refseq NM_032410

Protein Refseq NP_115786

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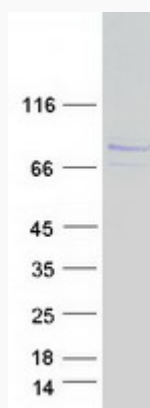
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MIM 607825

UniProt ID Q86VS8

SDS-PAGE



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