

Recombinant Human HOOK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HOOK2-6428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HOOK2 MS Standard C13 and N15-labeled recombinant protein (NP_037444) 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 kDa
AA Sequence	MSVDKAEKCGSLTTLWLQTFHVPSPCASPQDLSSGLAVAYVLNQIDPSWFNEAWLQ GISEDPGPNWKLKVSNLKMLVRLSLVEYSQDVLHPVSEEHLPDVSLIGEFSDPAELG KLLQLVLGCAISCEKKQDHIQRIMTLEESVQHVVMEAIQELMTKDTPDSLSPETYGNF DSQSRYYFLSEAEEGDELQQRCLDLERQLMLLSEEKQSLAQENAGLRERMGRP EGEGTPGLTAKKLLLQSQLEQLQEENFRLESGREDERLRCAELEREVAELQHRNQ ALTSLAQEAQALKDEMDELQSSERAGQLEATLTSCRRRLGELRELRRQVRQLEER NAGHAERTRQLEDELRRAGSLRAQLEAQRQVQELQGQRQEEAMKAQKWLFEQR NLEEKYESVTKEKERLLAERDSLREANEELRCAQLQPRGLTQADPSLDPTSTPVDNL AAEILPAELRETLLRLQLENKRLCRQEAADRERQEELQRQLEDANRARHGLETQHRL

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NQQQLSELRAQVEDLQKALQEQQGKTEDSILLKRKLEEHLQKLHEADLELQRKREYI
 EELEPPTDSSTARRIEELQHNLQKKDADLRAMEERYRRYVDKARMVMQTMPEPKQR
 PAAGAPPELHSLRTQLRERDVIRHLEMDFEKSRSQREQEEKLLISAWYNMGMALQ
 QRAGEERAPAHQAQSFLAQQRLATNSRRGPLGRLASLNLRPDKHTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

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 [HOOK2 hook microtubule tethering protein 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [HOOK2](#)

Synonyms HOOK2; hook homolog 2 (Drosophila); protein Hook homolog 2; HK2; hHK2; h-hook2; FLJ26218;

Gene ID [29911](#)

mRNA Refseq [NM_013312](#)

Protein Refseq [NP_037444](#)

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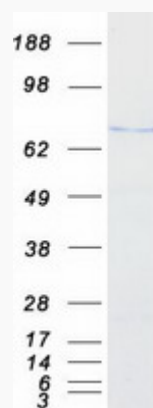
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MIM 607824

UniProt ID Q96ED9

SDS-PAGE



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