

Recombinant Full Length Human HOOK2 Protein, GST-tagged

Cat. No. HOOK2-3697HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOOK2 full-length ORF (AAH12443, 1 a.a. - 717 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	717 amino acids
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.[supplied by OMIM
Molecular Mass	104.39 kDa
AA Sequence	MSVDKAELCGSLLTWLQTFHVPSPCASPQDLSSGLAVAYVLNQIDPSWFNEAWLQ GISEDPGPNWKLKVSNLKMLRSLVEYSQDVL AHPVSEEHL PDVSLIGEFSDPAELG KLLQLVLGCAISCEKKQDHIQRIMTLEESVQHVVMEAIQELMTKDTPDSLSPETYGNF DSQSRRYYFLSEEAEEGDELQQRCLDLERQLMLLSEEKQSLAQENAGLRERMGRP EGEGTPGLTAKKLLLLQSLEQLQEENFRLESGREDERLRCAELEREVAELQHRNQ ALTSLAQEAQALKDEMDELQSSERAGQLEATLTSCRRRLGELRELRRQVRQLEER NAGHAERTRQLEDELRRAGSLRAQLEAQRQVQELQGQRQEEAMKA EKWLFECR NLEEKYESVTKEKERLLAERDSLREANEELRCAQLQPRGLTQADPSLDPTSTPVDNL AAEILPAELRETLLRLQLENKRLCRQEAAADRERQEELQRQLEDANRARHGLETQHRL

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NQQQLSELRAQVEDLQKALQEQQGKTEDSILLKRKLEEHLQKLHEADLELQRKREYI
 EELEPPTDSSTARRIEELRHNLQKKDADLRAMEERYRRYVDKARMVMQTMPEKQR
 PAAGAPPELHSLRTQLRERDVIRIHLEMDFEKSRSQREQEEKLLISAWYNMGMALQ
 QRAGEERAPAHQAQSFLAQQRLATNSRRGPLGRLASLNLRPDKH

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [HOOK2 hook homolog 2 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [HOOK2](#)

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

Gene ID [29911](#)

mRNA Refseq [NM_001100176](#)

Protein Refseq [NP_001093646](#)

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MIM	607824
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UniProt ID	Q96ED9
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