

Recombinant Human HOOK3 Protein, GST-tagged

Cat. No. HOOK3-4932H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOOK3 full-length ORF (NP_115786.1, 1 a.a. - 718 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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	109.5 kDa
AA Sequence	MFSVESLERAELCESLLTWIQTFFNVDAPCQTVEDLTNGVVMAQVLQKIDPAYFDEN WLNRIKTEVGDNWRLKISNLKKILKGILDYNHEILGQQINDFTLPDVNLIGEHSDAEEL GRMLQLILGCAVNCEQKQEYIQAIMMMEEVSQHVVMATAIQELMSKESPVSAAGNDAY VDLDRQLKKTTEELNEALSAKEEIAQRCHELDMQVAALQEEKSSLLAENQVLMERLN QSDSIEDPNPAGRRHLQLQTQLEQLQEETFRLEAAKDDYRIRCEELEKEISELRQQ NDELTTLADEAQLKDEIDVLRHSSDKVSKLEGQVESYKKKLEDLGDRLRRQVKLLEE KNTMYMQNTVSLEELRKANAARSQLETYKRQVVELQNRLEESKADKLDFFEYKR LKEKVDSLQKEKDRLRTERDSLKETIEELRCVQAQEGQLTTQGLMPLGSQESSDSL AAEIVTPEIREKLIRLQHENKMLKLNQEGSDNEKIALQLSLDDANLRKNELETENRLV NQRLLLEVQSQVEELQKSLQDQGSKAEDSVLLKKKLEEHLEKLHEANNELQKKRAIIE

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DLEPRFNNSSLKIEELQEALRKKEEEMKQMEERYKKYLEKAKSVIRTLDPKQNQGAA
 PEIQALKNQLQERDRLFHSLEKEYEKTQSQREMEEKYIVSAWYNMGMTLHKKAED
 RLASTGSGQSFLARQRQATSSRRSYPGHVQPATAR

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

[HOOK3 hook homolog 3 \(Drosophila\) \[Homo sapiens \]](#)

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](#)

MIM

[607825](#)

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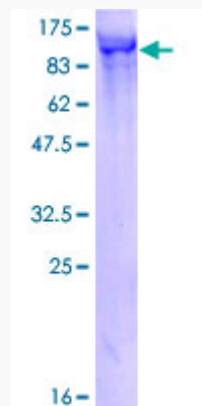
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UniProt ID

Q86VS8

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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