

Recombinant Human HOOK1 Protein, GST-tagged

Cat. No. HOOK1-4928H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOOK1 full-length ORF (NP_056972.1, 1 a.a. - 728 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the hook family of coiled-coil proteins, which bind to microtubules and organelles through their N- and C-terminal domains, respectively. The encoded protein localizes to discrete punctuate subcellular structures, and interacts with several members of the Rab GTPase family involved in endocytosis. It is thought to link endocytic membrane trafficking to the microtubule cytoskeleton. Several alternatively spliced transcript variants have been identified, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
Molecular Mass	111 kDa
AA Sequence	MEETQPPPQPKLPLCDSLMIWLQTFNTASPCQDVKQLTSGVAMAQVLHQIDAAWFN ESWLSRIKEDVGDNWRIKASNKKVLQGIMSYYHEFLGQQISEALIPDLNQITECSDP VELGRLLQLILGCAINCEKKQEHIQNIMTLEESVQHVVMTAIQELMSKEILSSPPNDV GELEQQLKRALEELQEALAEKEELRQRCEELDMQVTTLQDEKNSLVSENNEMNEKL DQLDGSFDDPNTVVAKKYFHAQLQLEQLQEENFRLEAAKDDYRVHCCELEKQLIEF QHRNDELTSLAETRALKDEIDVLRATSDKANKLESTVEIYRQKLQDLNDRKQVKTL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QETNMMYMHNTVSLEEELKKANAARTQLETYKRQVQDLHVKLSSSESKRADTLAFEM
 KRLEEKHEALLKEKERLIEQRDTLKETNEELRCSQVQQDHLNQTDAATKSYENLAA
 EIMPVEYREVFIRLQHENKMLRLQQEGSENERIEELQEQLQKHKMNELETEQRLS
 KERIRELQQQIEDLQKSLQEQGSKSEGESSSKLKQKLEAHMEKLTEVHEELQKKQEL
 IEDLQPDINQNVQKINELEAALQKKDEDMKAMEERYKMYLEKARNVIKTLDPKLNPA
 AEIMLLRKQLAEKERRIEILESECKVAKFRDYEEKLIVSAWYNKSLAFQKLGME SRLV
 SGGGACSDTGACTPARSFLAQQRHITNTRRNLSVKVPATTSD

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

[HOOK1 hook homolog 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol

[HOOK1](#)

Synonyms

HOOK1; hook homolog 1 (Drosophila); protein Hook homolog 1; HK1; hHK1; h-hook1; MGC10642;

Gene ID

[51361](#)

mRNA Refseq

[NM_015888](#)

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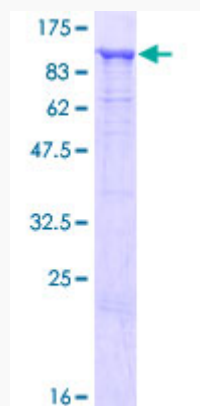
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Protein Refseq NP_056972

MIM 607820

UniProt ID Q9UJC3

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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