

Recombinant Full Length Human HOOK1 Protein, GST-tagged

Cat. No. HOOK1-3695HF **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	In Vitro Cell Free System
ProteinLength	728 amino acids
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 ESWLSRIKEDVGDNWRIKASNVKKVLQGIMSYYHEFLGQQISEALIPDLNQITECSDP VELGRLLQLILGCAINCEKKQEHIQNIMTLEESVQHVVMTAIQELMSKEILSSPPNDAV GELEQQLKRALEELQEALAEKEELRQRCEELDMQVTTLQDEKNSLVSENNEMNEKL DQLDGSFDDPNTVVAKKYFHAQLQLEQLQEENFRLEAAKDDYRVHCCEELEKQLIEF

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QHRNDELTSLAEEETRAKDEIDVLRATSDKANKLESTVEIYRQKLQDLNDRKQVKTL
 QETNMMYMHNTVSLEEELKKANAARTQLETYKRQVQDLHVKLSSESKRADTLAFEM
 KRLEEKHEALLKEKERLIEQRDTLKETNEELRCSQVQQDHLNQTDASATKSYENLAA
 EIMPVEYREVFIRLQHENKMLRLQQEGSENERIEELQEQLQKHKMNELETEQRLS
 KERIRELQQQIEDLQKSLQEQGSKSEGESSSKLKQKLEAHMEKLTEVHEELQKKQEL
 IEDLQPDINQNVQKINELEAALQKKDEDMKAMEERYKMYLEKARNVIKTLDPKLNPA
 AEIMLLRKQLAEKERRIEILESECKVAKFRDYEEKLIVSAWYNKSLAFQKLGME SRLV
 SGGGACSDTGACTPARSFLAQQRHITNTRNLSVKVPATTSD

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](#)

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mRNA Refseq	NM_015888
Protein Refseq	NP_056972
MIM	607820
UniProt ID	Q9UJC3

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