



Recombinant Human Protein Hook homolog 1 (HOOK1)

Product Code	CSB-EP891526HU-B
Abbreviation	HOOK1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UJC3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEETQPPPQP KLPLCDSLMI WLQTFNTASP CQDVKQLTSG VAMAQVLHQI DAAWFNESWL SRIKEDVGDN WRIKASNVKK VLQGIMSYHH EFLGQQISEA LIPDLNQITE CSDPVELGRL LQLILGCAIN CEKKQEHIQN IMTLEESVQH VVMTAIQELM SKEILSSPPN DAVGELEQQL KRALEELQEA LAEKEELRQR CEELDMQVTT LQDEKNSLVS ENEMMNEKLD QLDGSFDDPN TVVAKKYFHA QLQLEQLQEE NFRLEAAKDD YRVHCEELEK QLIEFQHRND ELTSLAEETR ALKDEIDVLR ATSDKANKLE STVEIYRQKL QDLNDLRKQV KTLQETNMMY MHNTVSLEEE LKKANAARTQ LETYKRQVQD LHVKLSSSESK RADTLAFEMK RLEEKHEALL KEKERLIEQR DTLKETNEEL RCSQVQQDHL NQTDASATKS YENLAAEIMP VEYREVFIRL QHENKMLRLQ QEGSENERIE ELQEQLQKH RKMNELETEQ RLSKERIREL QQQIEDLQKS LQEQQSKSEG ESSSKLKQKL EAHMEKLTEV HEELQKKQEL IEDLQPDINQ NVQKINELEA ALQKKDEDMK AMEERYKMYL EKARNVIKTL DPKLNPAE IMLLRKQLAE KERRIEILES ECKVAKFRDY EEKLIVSAWY NKSLAFQKLG MESRLVSGGG ACSDTGACTP ARSFLAQQRH ITNTRRNLVS KVPATTSD
Source	E.coli
Target Names	HOOK1
Protein Names	Recommended name: Protein Hook homolog 1 Short name= h-hook1 Short name= hHK1
Expression Region	1-728
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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