

HOOK1 (Human) Recombinant Protein (Q01)

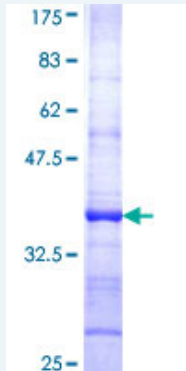
Catalog # : H00051361-Q01

規格 : [10 ug] [25 ug]

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Specification

Product Description:	Human HOOK1 partial ORF (NP_056972, 632 a.a. - 728 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence:	MLLRKQLAEKERRIEILESECKVAKFRDYEEKLIVSAWYNKSLAFQKLGM ESRLVSGGGACSDTGACTPARSFLAQQRHITNTRRNLVSKVPATTSD
Host:	Wheat Germ (in vitro)
Theoretical MW (kDa):	36.41
Preparation Method:	<i>in vitro</i> wheat germ expression system
Purification:	Glutathione Sepharose 4 Fast Flow
Quality Control Testing:	12.5% SDS-PAGE Stained with Coomassie Blue.



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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

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Gene Information

Entrez GeneID: [51361](#)

GeneBank Accession#: [NM_015888](#)

Protein Accession#: [NP_056972](#)

Gene Name: HOOK1

Gene Alias: HK1,MGC10642

Gene Description: hook homolog 1 (Drosophila)

Omim ID: [607820](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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]

Other Designations: OTTHUMP00000010548,hook homolog 1

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