

## Product datasheet for **TP308912**

### **HOOK3 (NM\_032410) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human hook homolog 3 (Drosophila) (HOOK3), 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208912 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MFSVESLERAELCESLLTWIQTFNVDAPCQTVEDLTNGVMAQVLQKIDPAYFDENWLNRIKTEVGDNWR  
LKISNLKKGILKILGILGQINDFTLPDVNLIGEHSDAELGRMLQLILGCAVNCEQKQEYIQAIM  
MMEESVQHVVMTAIQELMSKESPVSAAGNDAYVDLDRQLKKTTEELNEALSAKEEIAQRCHELDMQVAALQ  
EEKSSLLAENQVLMERLNQSDSIEDPNPAGRRHLQLQTQLEQLQEETFRLEAAKDDYRIRCEELEKEIS  
ELRQQNDELTTLADEAQLKDEIDVLRHSSDKVSKLEGQVESYKKKLEDLGLRQVKLLEEKNTMYMQN  
TVSLEELRKANAARSQLETYKRQVVELQNRLESESKKADKLD FEYKRLKEKVDLQKEKDRLRTERDSL  
KETIEELRCVQAQEGQLTTQGLMPLGSEQSSDLAAEIVTPEIREKLIRLQHENKMLKLNQEGSDNEKIA  
LLQSLDDANLRKNELETENRLVNQRLLVQSQVEELQKSLQDQGSKAEDSVLLKKKLEEHLEKLHEANN  
ELQKKRAIIELEPRFNSSKIEELQEALRKKEEEMKQMEERYKKYLEKAKSVIRTLDPKQNGGAPEI  
QALKNQLQERDLFHSLEKEYEKTQSREMEEKYIVSAWYNMGMTLHKKAAEDRLASTGSGQSFLARQRQ  
ATSSRRSYPGHVQPATAR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

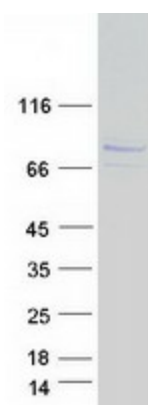
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	82.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_115786</a>
<b>Locus ID:</b>	84376
<b>UniProt ID:</b>	<a href="#">Q86VS8</a>
<b>RefSeq Size:</b>	14460
<b>Cytogenetics:</b>	8p11.21
<b>RefSeq ORF:</b>	2154
<b>Synonyms:</b>	HK3
<b>Summary:</b>	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, Apr 2004]

### Product images:



Coomassie blue staining of purified HOOK3 protein (Cat# TP308912). The protein was produced from HEK293T cells transfected with HOOK3 cDNA clone (Cat# [RC208912]) using MegaTran 2.0 (Cat# [TT210002]).