

# Recombinant Human MORC3 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. MORC3-186H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	MORC3 MS Standard C13 and N15-labeled recombinant protein (NP_056173) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a protein that localizes to the nuclear matrix and forms nuclear bodies via an ATP-dependent mechanism. The protein is predicted to have coiled-coil and zinc finger domains and has RNA binding activity. Alternative splicing produces multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Feb 2016]
<b>Molecular Mass</b>	107 kDa
<b>AA Sequence</b>	<p>MAAQPPRGIRLSALCPKFLHTNSTSHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVIN            DHICLTFTDNGNGMTSDKLHKMLSFSGFSDKVTMNGHVPVGLYNGFGKSGSMRLGK            DAIVFTKNGESMSVGLLSQTYLEVIKAEHVVPVIVAFNKHQRMINLAESKASLAAILEH            SLFSTEQKLLAELDAIIGKKGTRIIIWNLRSYKNATEFDFEKDKYDIRIPEDLDEITGKKG            YKKQERMDQIAPESDYSRLRAYCSILYLKPRMQIILRGQKVKTKLVSKSLAYIERDVYR            PKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANNMGVGVVGIIE            CNFLKPTHNKQDFDYTNEYRLTITALGEKLN DYWNEMKVKKNTEYPLNLPVEDIQKR            PDQTWVQCDACLKWRKLPDGMDQLPEKWYCSNNPDPQFRNCEVPEEPEDEDLVH</p>

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PTYEKTYKKTNKEKFRIRQPEMIPRINAELLFRPTALSTPSFSSPKESVPRRHLESGT  
 NSYATRLNNHQVPPQSEPESENLSKRRLLSTRSSILNAKNRRLSSQFENSVYKGGDD  
 DGDVILEENSTPKPAVDHDIDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTSTSS  
 SRCDQGNTAATQTEVPSLVVKEETVEDEIDVRNDAVILPSCVEAEAKIHETQETTDK  
 SADDAGCQLQELRNQLLLVTEEKENYKRQCHMFTDQIKVLQQRILEMNDKYVKKET  
 CHQSTETDAVFLLESINGKSESPDHMVSQYQQALEEIERLKKQCSALQHVKAECSSQ  
 CSNNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELLEMEKSQIRSQCEELK  
 TEVEQLKSTNQQTATDVSTSSNIEESVNHMDGESLKLRLRVNVGQLLAMIVPDLDL  
 QQVNYDVDVVDEILGQVVEQMSEISSSTRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MORC3 MORC family CW-type zinc finger 3 [ Homo sapiens (human) ]

**Official Symbol** MORC3

**Synonyms**

MORC3; MORC family CW-type zinc finger 3; ZCWCC3, zinc finger, CW type with coiled coil domain 3, zinc finger, CW type with coiled coil domain 3; MORC family CW-type zinc finger protein 3; KIAA0136; NXP2; ZCW5; nuclear matrix protein NXP2; zinc finger, CW type with coiled-coil domain 3; zinc finger, CW-type with coiled-coil

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domain 3; zinc finger CW-type coiled-coil domain protein 3; ZCWCC3;

**Gene ID** 23515

**mRNA Refseq** NM\_015358

**Protein Refseq** NP\_056173

**MIM** 610078

**UniProt ID** Q14149

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