

# 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>      | MAAQPPRGIRLSALCPKFLHTNSTSHTWPFSVAELIDNAYDPDVNAKQIWIDKTVIN<br>DHICLTFTDNGNGMTSDKLHKMLSFGFSDKVTMNGHVPVGLYGNFGKSGSMRLGK<br>DAIVFTKNGESMSVGLLSQTYLEVIAEHVVVPIVAFNKHQRQMINLAESKASLAAILEH<br>SLFSTEQKLLAELDAIIGKKGTRIIWNLRSYKNATEFDFEKKYDIRIPEDLDEITGKKG<br>YKKQERMDQIAPESDYSRLAYCSILYLKPRMQIILRGQVKVKTQLVSKSLAYIERDVYR<br>PKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANNMGVGVVGIIIE<br>CNFLKPTHNKQDFDYTNEYRLTITALGEKLN DYWNEMKVKKNTEYPLNLPVEDIQKR<br>PDQTWVQCDACLKWRKLPDGM DQLPEKWYCSNNPDPQFRNCEVPEEPEDEDLVH |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

PTYEKTYKKTNKEKFRIQPEMIPRINAELLFRPTALSTPSFSSPKESVPRRHLSEGT  
 NSYATRLLNNHQVPPQSEPESENLSKRRRLSTRSSILNAKNRRLSSQFENSVYKGDDD  
 DGDVILEENSTPKPAVDHDDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTSTSS  
 SRCDQGNTAATQTEVPSLVVKEETVEDEIDVRNDAVILPSCVEAEAKIHETQETTDK  
 SADDAGCQLQELRNQLLLVTEEEKENYKRQCHMFTDQIKVLQQRILEMNDKYVKKET  
 CHQSTETDAVFLLESINGKSESPDHMVSQYQQALEEIERLKKQCSALQHVKAECSSQ  
 CSNNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELLEMEKSQIRSQCEELK  
 TEVEQLKSTNQQTATDVSTSSNIEESVNHMDGESLKLRLRVNVGQLLAMIVPDLDL  
 QQVNYDVDVVDEILGQVVEQMSEISSTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MORC3 MORC family CW-type zinc finger 3 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | MORC3                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | 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](#)

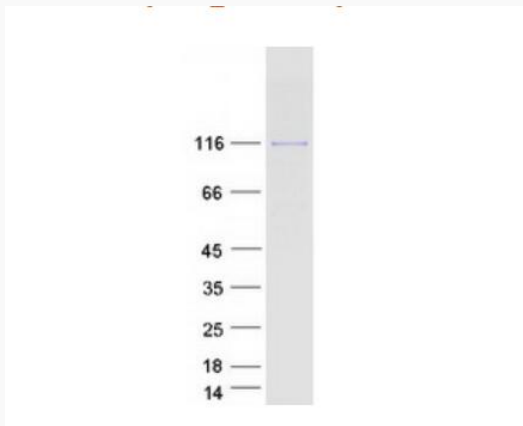
**mRNA Refseq** [NM\\_015358](#)

**Protein Refseq** [NP\\_056173](#)

**MIM** [610078](#)

**UniProt ID** [Q14149](#)

**SDS-PAGE**



116  
66  
45  
35  
25  
18  
14

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