

## Product datasheet for **TP310530**

### MORC3 (NM\_015358) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human MORC family CW-type zinc finger 3 (MORC3), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC210530 protein sequence  
Red=Cloning site Green=Tags(s)

MAAQPPRGIRLSALCPKFLHTNSTHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVINDHICLFTFDNGN  
 GMTSDKLHKMLSFSGFSDKVTMNGHVPVGLYNGFKSGSMRLGKDAIVFTKNGESMSVGLLSQTYLEVIK  
 A  
 EHVVPIVAFNKHQRMINLAESKASLAAILEHSLFSTEQKLLAELDAIIGKKGTRIIIWNLRSYKNATEF  
 DFEKDKYDIRIPEDLDEITGKKGYKKQERMDQIAPESDYSRLAYCSILYLKPRMQIILRGQKVKTLVSK  
 SLAYIERDVYRPKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANNMGVGVGIIECN  
 FLKPTHNKQDFDYTNEYRLTITALGEKLN DYWNEMKVKKNTEYPLNLPVEDIQRPDQTVWVQCDACLKW  
 R  
 KLPDGM DQLPEKWYCSNNPDPQFRNCEVPEEPEDEDLVHPTYEKTYKKTNKEKFRIRQPEMIPRINAELL  
 FRPTALSTPSFSSPKESVPRRHLEGTNSYATRLNNHQVPPQSEPESENLSKRRRLSTRSSILNAKNRRLS  
 SQFENSVYKGD DDDGDV IILEENSTPKPAVDHDIDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTSTSSS  
 RCDQGNTAATQTEVPSLVKKEETVEDEIDVRNDAVILPSCVEAEAKIHETQETTDKSADDAGCQLQELR  
 NQLLLVTEEKENYKRQCHMFTDQIKVLQQRILEMNDKYVKKETCHQSTETDAVFLLESINGKSESPDHMV  
 SQYQQALEEIERLKKQCSALQHVKAECSQCSNNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELL  
 EMEKSQIRSQCEELKTEVEQLKSTNQQTATDVSTSSNIEESVNHMDGESLKLRSRLVNVGQLLAMIVPDL  
 DLQQVNYD VDVVDEILGQVVEQMSEISST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

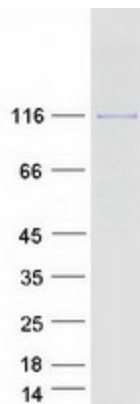
**Tag:** C-Myc/DDK  
**Predicted MW:** 106.9 kDa  
**Concentration:** >0.1 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Bioactivity:</b>	ELISA capture for autoantibodies (PMID: <a href="#">29534337</a> )
<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.
<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_056173</a>
<b>Locus ID:</b>	23515
<b>UniProt ID:</b>	<a href="#">Q14149</a>
<b>RefSeq Size:</b>	4246
<b>Cytogenetics:</b>	21q22.12
<b>RefSeq ORF:</b>	2817
<b>Synonyms:</b>	NXP2; ZCW5; ZCWCC3
<b>Summary:</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]

### Product images:



Coomassie blue staining of purified MORC3 protein (Cat# TP310530). The protein was produced from HEK293T cells transfected with MORC3 cDNA clone (Cat# [RC210530]) using MegaTran 2.0 (Cat# [TT210002]).