

## Product datasheet for **TP310530L**

### 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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210530 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAAQPPRGIRLSALCPKFLHTNSTSHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVINDHICLTFTDNGN  
GMTSDKLHKMLSFGFSDKVTMNGHVPVGLYGNFGKSGSMRLGKDAIVFTKNGESMSVGLLSQTYLEVIKA  
EHVVVPIVAFNKHRQMINLAESKASLAAILEHSLFSTEQKLLAELDAIIGKKGTRIIIWNLRSYKNATEF  
DFEKDKYDIRIPEDLDEITGKKGYKKQERMDQIAPESDYSRLAYCSILYLKPRMQIILRGQKVKTKQLVSK  
SLAYIERDVYRPKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANNMGVGVGIIECN  
FLKPTHNKQDFDYTNEYRLTITALGEKLN DYWNEMKVKNTEYPLNLPVEDIQKRPDQTTWVQCDACLKWR  
KLPDGM DQLPEKWYCSNNDPQFRNCEVPEEPEDEDLVHPTYEKTYKKTNKEKFRIRQPEMIPRINAELL  
FRPTALSTPSFSSPKESVPRRHLSEGTNSYATRLLNNHQVPPQSEPESENLSKRRLLSTRSSILNAKNRRLS  
SQFENS VYKGD DDDGDV IILEENSTPKPAVDHDIDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTSTSSS  
RCDQGN TAAATQTEVPSLVVKEETVEDEIDVRNDAVILPSCVEAEAKIHETQETTDKSADDAGCQLQELR  
NQLLLVT EKENYKRQCHMFTDQIKVLQQRILEMNDKYVKKETCHQSTETDAVFLLESINGKSESPDHMV  
SQYQQALEEIERLKKQCSALQHVKAEC SQSNNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELL  
EMEKSQIRSQCEELKTEVEQLKSTNQQTATDVSTSSNIEESVNHMDGESLKLRLRVNVGQLLAMIVPDL  
DLQQVNYD VDVVDEILGQVVEQMSEISST

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

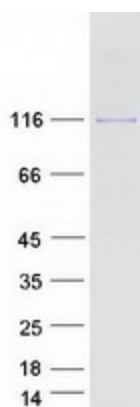
Tag:	C-Myc/DDK
Predicted MW:	106.9 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	ELISA capture for autoantibodies (PMID: <a href="#">29534337</a> )



[View online »](#)

<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> , <a href="#">Q4VBZ9</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]).