

Product datasheet for **TP310530M**

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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210530 protein sequence Red =Cloning site Green =Tags(s)

MAAQPPRGIRLSALCPKFLHTNSTSHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVINDHICLTFTDNGN
GMTSDKLHKMLSFGFSDKVTMNGHVPVGLYGNFGKSGSMRLGKDAIVFTKNGESMSVGLLSQTYLEVIKA
EHVVVPIVAFNKHRQMINLAESKASLAAILEHSLFSTEQKLLAELDAIIGKKGTRIIIWNLRSYKNATEF
DFEKDKYDIRIPEDLDEITGKKGYKKQERMDQIAPESDYSRLAYCSILYLKPRMQIILRGQKVKTQLVSK
SLAYIERDVYRPKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANNMGVGVGIIECN
FLKPTHNKQDFDYTNEYRLTITALGEKLN DYWNEMKVKNTEYPLNLPVEDIQKRPDQTTWVQCDACLKWR
KLPDGM DQLPEKWYCSNNDPQFRNCEVPEEPEDEDLVHPTYEKTYKKTNKEKFRIRQPEMIPRINAELL
FRPTALSTPSFSSPKESVPRRHLSEGTNSYATRLLNNHQVPPQSEPNLSLKRRLSTRSSILNAKNRRLS
SQFENS VYKGGDDDDGDVIIIEENSTPKPAVDHDIDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTSTSSS
RCDQGNTAATQTEVPSLVVKEETVEDEIDVRNDAVILPSCVEAEAKIHETQETTDKSADDAGCQLQELR
NQLLLVT EKENYKRQCHMFTDQIKVLQQRILEMNDKYVKKETCHQSTETDAVFLLESINGKSESPDHMV
SQYQQALEEIERLKKQCSALQHVKAECSCSNNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELL
EMEKSQIRSQCEELKTEVEQLKSTNQQTATDVSTSSNIEESVNHMDGESLKLRLRVNVGQLLAMIVPDL
DLQQVNYD VDVVDEILGQVVEQMSEISST

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

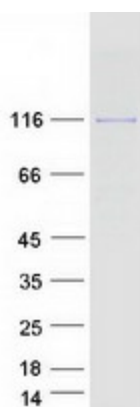
Tag:	C-Myc/DDK
Predicted MW:	106.9 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	ELISA capture for autoantibodies (PMID: 29534337)



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_056173
Locus ID:	23515
UniProt ID:	Q14149 , Q4VBZ9
RefSeq Size:	4246
Cytogenetics:	21q22.12
RefSeq ORF:	2817
Synonyms:	NXP2; ZCW5; ZCWCC3
Summary:	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]).