

Active Recombinant Full Length Human MORC3 Protein, C-Flag-tagged

Cat. No. MORC3-55HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MORC3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	ELISA capture for autoantibodies
Molecular Mass	106.9 kDa
AA Sequence	<p>MAAQPPRGIRLSALCPKFLHTNSTSHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVIN DHICLTFTDNGN GMTSDKLHKMLSFGFSDKVTMNGHVPGVLYGNGFKSGSMRLGK DAIVFTKNGESMSVGLLSQTYLEVIKA EHVVPPIVAFNKHQRQMINLAESKASLAAILEH SLFSTEQKLLAELDAIIGKKGTRIIIWNLRSYKNATEF DFEKDKYDIRIPEDLDEITGKK GYKKQERMDQIAPESDYSRLRAYCSILYLKPRMQIILRGQKVKTQLVSK SLAYIERDVY RPKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANMGMVGVVGII</p>

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ECN FLKPTHNKQDFDYTNEYRLTITALGKELNDYWNEMKVKKNTEYPLNLPVEDIQK
 RPDQTWVQCDACLKWR KLPDGMQLPEKWYCSNNPDPQFRNCEVPEEPEDEDL
 VHPTYEKTYKKTNKEKFRIRQPEMIPRINAELL FRPTALSTPSFSSPKESVPRRHLSE
 GTNSYATRLLNNHQVPPQSEPESENSLKRRLSTRSSILNAKNRRLS SQFENSVYKGD
 DDDGDVILEENSTPKPAVDHDIDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTST
 SSS RCDQGNTAATQTEVPSLVVKKKEETVEDEIDVRNDAVILPSCVEAEAKIHETQET
 TDKSADDAGCQLQELR NQLLLVTEEKENYKRQCHMFTDQIKVLQQRILEMNDKYVK
 KETCHQSTETDAVFLLESINGKSESPDHMV SQYQQALEEIERLKKQCSALQHVKAE
 CSQCSNNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELL EMEKSQIRSQC
 EELKTEVEQLKSTNQQTATDVSTSSNIEESVNHMDGESLKLRLRVNVGQLLAMIVP
 DL
 DLQQVNYDVDVVDEILGQVVEQMSEISSTRTRPLEQKLISEEDLAANDILDYKDDDD
 KV

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

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Full Length Full L.

GENE INFORMATION

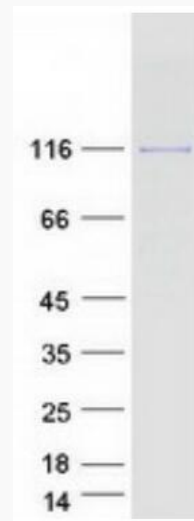
Gene Name MORC3 MORC family CW-type zinc finger 3 [Homo sapiens (human)]

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Official Symbol	MORC3
Synonyms	NXP2; ZCW5; ZCWCC3
Gene ID	23515
mRNA Refseq	NM_015358.3
Protein Refseq	NP_056173.1
MIM	610078
UniProt ID	Q14149



Coomassie blue staining of purified MORC3 protein.

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