

Product datasheet for PH310530

MORC3 (NM_015358) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MORC3 MS Standard C13 and N15-labeled recombinant protein (NP_056173)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210530
Predicted MW:	107 kDa
Protein Sequence:	>RC210530 protein sequence Red=Cloning site Green=Tags(s)

MAAQPPRGIRLSALCPKFLHTNSTSHTWPFSAVAELIDNAYDPDVNAKQIWKTVINDHICLFTFDNGN
GMTSDKLHKMLSFGFSDKVTMNGHVPVGLYNGFKSGSMRLGKDAIVFTKNGESMSVGLLSQTYLEVIKA
EHVVVPIVAFNKHRQMINLAESKASLAAILHSLFSTEQKLLAELDAIIGKKGTRIIWNLRSYKNATEF
DFEKDYDIRIPEDLDEITGKKGKQERMDQIAPESDYSLRAYCSILYLKPRMQIILRGQVKVTKLQVSK
SLAYIERDVYRPKFLSKTVRITFGFNCRNKDHYGIMMYHRNRLIKAYEKVGCQLRANMVGVVGGIIECN
FLKPTHNKQDFDYTNEYRLTITALGEKLDYWNEMKVKKNTYPLNLPVEDIQKRPDQTWVQCDAKLKWR
KLPDGMQDLPEKWYCSNNPDPQFRNCEVPEEPEDELVHPTYEKTYKKTNKEKFRIRQPEMIPRINAELL
FRPTALSTPSFSSPKESVPRRHLSEGTSYATRLLNNHQVPPQSEPESNLKRRLSTRSSILNAKNRRLS
SQFENSVYKGGDDDDGVDIILEENSTPKPAVDHIDMKSEQSHVEQGGVQVEFVGDSEPCGQTGSTSTSSS
RCDQGNTAATQTEVPSLVVKKEEVEDEIDVRNDAVILPSCVEAEAKIHETQETTDKSADDAGCQLQELR
NQLLLVTEEKENYKRQCHMFTDQIKVLQQRILEMNDKYVKKETCHQSTETDAVFLLESINGKSES PDH MV
SQYQQALEEIERLKKQCSALQHVKAECSSNESKSEMDEMAVQLDDVFRQLDKCSIERDQYKSEVELL
EMEKSQIRSQCEELKTEVEQLKSTNQQTADVSTSSNIEESVNHM DGESLKLRLRVNVGQLLAMIVPDL
DLQQVNYD VDVVDEILGQVVEQMSEISS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

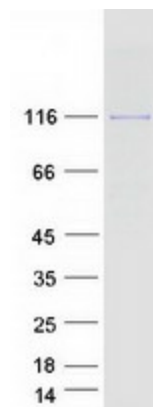
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	NP_056173
RefSeq Size:	4246
RefSeq ORF:	2817
Synonyms:	NXP2; ZCW5; ZCWCC3
Locus ID:	23515
UniProt ID:	Q14149 , Q4VBZ9
Cytogenetics:	21q22.12
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]).