

Product datasheet for TP511265

Morc3 (NM_001045529) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse microrchidia 3 (Morc3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211265 representing NM_001045529 Red =Cloning site Green =Tags(s)

MAAQPTGIRLSALCPKFLHTNSTSHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVISDHICLFTDNGN
GMTADKLHKMLSFGFSDKVTMNGHVPVGLYNGFKSGSMRLGKDAMVFTKNGETMSVGFSLQTYLEVIKA
EHVVPIVTFNKHRQMINLTESKASLAAILEHSLFSTEQKLLAELNAIMGKKGTRIIWNLRSYKNATEF
DFEKDYDIRIPEDLDETAGRKGYYKQERMDQIAPESDYSRLAYCSILYLKPRMQIIIRGQKVKTQLVSK
SLAYIERDVYRPFKFLTRTVRITFGFNCRNKDHYGIMMYHKNRLIKAYEKVGCQLKANNMGVGVVGIIECN
FLKPTHNKQDFDYTNEYRLTILALGEKLN DYWNEMKVKKNAEYPVNLVVEDIQKRPDQTWVQCDACLKWR
KLPDGIDQLPEKWYCSNNDPQFRNCEVPEEPEDEDLVHPTYEKTYKKT SKERFRIRQPEILPRILPQIN
PELLYQTSVSSQSFSPVKESVPRPHLSEVTSPPFAARIINLNLASPASEPENSSMKRKLGVHSSILNAKTR
RLSNPPVENSSYKNDDDEDVILEENSTPKPAVDLEVKSDIEVKSEQSHTEQSGIHVDLVSSPKPCVQAS
STSTSTSRSDPGITVSTQTDAPGLTVKKEESMEEDMGVRNGTATLSCVGTEAKVQETS AESVDATSHQLQ
ELRSELLVVTQERDDYKRQCQMFTDQIQVLQQRLLMNDKCVKKEKCHQSTETDAVFLLDVSVNGQAESLD
HLGSQYQQALQEIERLKRQCSALQQVKSECSQASCTESKSEVDEMAVQLDDVFRQLDKCTIERDQYKNEV
QLLEIEKSHIHSQCEELQTEVEQLKSTGQQAADGSTASNAEPPVSYVDGESLKLRLRVNVGQLLAMIV
PDLDLQQVNYDVDVWDEILGQVVEQMSEISST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	107 kDa
Concentration:	>0.05 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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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 after receiving vials.
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_001038994
Locus ID:	338467
UniProt ID:	F7BJB9
RefSeq Size:	4237
Cytogenetics:	16 C4
RefSeq ORF:	2826
Synonyms:	1110051N18Rik; AI452146; BF318192; D16Jhu32e; NXP2; Zcwcc3
Summary:	Nuclear factor which forms MORC3-NBs (nuclear bodies) via an ATP-dependent mechanism (By similarity). Sumoylated MORC3-NBs can also associate with PML-NBs (By similarity). Recruits TP53 and SP100 to PML-NBs, thus regulating TP53 activity (PubMed:17332504). Binds RNA in vitro (By similarity).[UniProtKB/Swiss-Prot Function]