

Product datasheet for TP321360

MRC2 (NM_006039) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human mannose receptor, C type 2 (MRC2), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC221360 representing NM_006039
Red=Cloning site Green=Tags(s)

MGPGRPAPAPWPRHLLRCVLLLGCLHLGRPGAPGDAALPEPNVFLIFSHGLQGCLQAQGGQVRVTPACNT
 SLPAQRWKWVSRNRLFNLGTMQCLGTGWPNTTASLGMIECDREALNLRWHCRTLDGQLSLLLGARTSN
 ISKPGTLERGDQTRSGQWRIYGSEEDLCALPYHEVYTIQGNSHGKPKTIPFKYDNQWFHGCTSTGREDGH
 LWCATTQDYGKDERWGFCAPIKSNDCETFDKDKQLTDCYQFNQSTLSWREAWASCEQQGADLLSITEIH
 EQTYINGLLTGYSSTLWIGLNDLDTSGGWQWSDNSPLKYLNWESDQPDNPSEENCGVIRTESSGGWQNRD
 CSIALPYVCKKKPNATAEPTPPDRWANVKVECEPSWQPFQGHYRLQAEKRSWQESKKAACLRGGGDLVSI
 HSMAELEFITKQIKQEVEELWIGLNDLKLQMNFEWSDGSLVSFTHWHHPFEPNNFRDSEDCVTIWGPEGR
 WNDSPCNQSLPSICKKAGQLSQGAAEEDHGCRKGTWTHSPSCYWLGEDQVTYSEARRLCTDHGSQLVITIT
 NRFEQAFVSSLIYNWEGEYFWTALQDLNSTGSFFWLSGDEVMYTHWNRDQPGYSRGGCVALATGSAMGLW
 EVKNCTSFARYICRQSLGTPVTPPELPGDPPTSLTGSCPQGWASDTKLRYCYKVFSSERLQDKKSWVQA
 QGACQELGAQLLSASYEEHFVANMLNKIFGESEPEIHEQHWFWIGLNRDRPRGGQSWRWSGVDGFSYH
 NFDRSRHDDDIRGCAVLDLQWVAMQCDTQLDWICKIPRGTDVREPDDSPQGRREWLRFEAEYKFF
 EHHSTWAQAQRICWFQAEELTSVHSAELDFLSHNLQKFSRAQEQHWWIGLHTSESDGRFRWTDGSIINF
 ISWAPGKPRPVGKDKKCVYMTASREDWGDQRCLTALPYICKRSNVTKETQPPDLPTTALGGCPSDWIQFL
 NKCFVQGGQEPQSRVKWSEAQFSCEQEAQLVTITNPLEQAFITASLPNVTFDLWIGLHASQRDFQWVEQ
 EPLMYANWAPGEPSPGSPAPSGNKPTSCAVLHSPSAHFTGRWDDRSCTEETHGFICQKGTDPSPSPSPA
 ALPPAPGTELSYLNQFRLLQKPLRWHDALLLCESHNASLAYVPDPTQAFQALTAARGLRTPWIGLAGE
 EGSRRYSWVSEPLNYVVGWQDGEPPQGGCTYVDVDGAWRTTSCDTKLQGAVCGVSSGPPPPRRISYHGS
 CPQGLADSAWIPFREHCYSFHMELLLGHKEARQRCRAGGAVLSILDEMENVFVWEHLQSYEGQSRGAWL
 GMNFPNPKGGTLVWQDNTAVNYSNWGPPGLGSPMLSHNSCYWIQNSGLWRPGACTNITMGVVCKLPRAEQ
 SSFSPSALPENPAALVVLMVAVLLLLALLTAALILYRRRQSIERGAFEGARYSRSSSSPTEATEKNILVS
 D MEMNEQQE

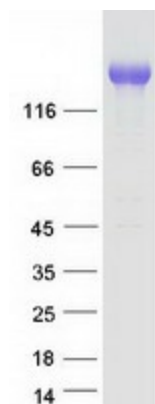
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK



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Predicted MW:	166.5 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
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_006030
Locus ID:	9902
UniProt ID:	Q9UBG0
RefSeq Size:	4700
Cytogenetics:	17q23.2
RefSeq ORF:	4437
Synonyms:	CD280; CLEC13E; ENDO180; UPARAP
Summary:	This gene encodes a member of the mannose receptor family of proteins that contain a fibronectin type II domain and multiple C-type lectin-like domains. The encoded protein plays a role in extracellular matrix remodeling by mediating the internalization and lysosomal degradation of collagen ligands. Expression of this gene may play a role in the tumorigenesis and metastasis of several malignancies including breast cancer, gliomas and metastatic bone disease. [provided by RefSeq, Feb 2012]
Protein Families:	Druggable Genome, Transmembrane

Product images:

Coomassie blue staining of purified MRC2 protein (Cat# TP321360). The protein was produced from HEK293T cells transfected with MRC2 cDNA clone (Cat# [RC221360]) using MegaTran 2.0 (Cat# [TT210002]).