

## Product datasheet for TP321360L

### MRC2 (NM\_006039) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human mannose receptor, C type 2 (MRC2), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC221360 representing NM\_006039  
Red=Cloning site Green=Tags(s)

MGPGRPAPAPWPRHLLRCVLLLGCLHLGRPGAPGDAALPEPNVFLIFSHGLQGCLQAQGGQVRVTPACNT  
 SLPAQRWKWVSRNRLFNLGTMQCLGTGWPNTTASLGMYECDREALNLRWHCRTLDGQLSLLLGARTSN  
 ISKPGTLERGDQTRSGQWRIYGSEEDLCALPYHEVYTIQGNSHGKPKTIPFKYDNQWFHGCTSTGREDGH  
 LWCATTQDYGKDERWGFCAPIKSNDCEFWDKDQLTDCYQFNQSTLSWREAWASCEQQGADLLSITEIH  
 EQTYINGLLTGYSSTLWIGLNDLDTSGGWQWSDNSPLKYLNWESDQPDNPSEENCGVIRTESSGGWQNRD  
 CSIALPYVCKKKPNATAEPTPPDRWANVKVECEPSWQPFQGHYRLQAEKRSWQESKKAACLRGGGDLVSI  
 HSMAELEFITKQIKQEVEELWIGLNDLKLQMNFEWSDGSLVSFTHWHHPFEPNFRDSEDCVTIWGPEGR  
 WNDSPCNQSLPSICKKAGQLSQGAAEEDHGCRKGTWVHSPSCYWLGEDQVYSEARRLCTDHGSQLVITIT  
 NRFEQAFVSSLIYNWEGEYFWTALQDLNSTGSFFWLSDGDEVMYTHWNRDQPGYSRGGCVALATGSAMGLW  
 EVKNCTSFARYICRQSLGTPVTPPELPGDPPTSLTGSCPQGWASDTKLRYCYKVFSSERLQDKKSWVQA  
 QGACQELGAQLLSLASYEEHFVANMLNKIFGESEPEIHEQHWFWIGLNRDPRGGQSWRWSGVDGFSYH  
 NFDRSRHDDDIRGCAVLDLQWVAMQCDTQLDWICKIPRGTDVREPDDSPQGRREWLRFEAEYKFF  
 EHHSTWAQAQRICWFQAEELTSVHSAELDFLSHNLQKFSRAEQHWWIGLHTSESDGRFRWTDGSIINF  
 ISWAPGKPRPVGKDKKCVYMTASREDWGDQRCLTALPYICKRSNVTKETQPPDLPTTALGGCPSDWIQFL  
 NKCFVQGGQEPQSRVWSEAQFSCEQEAQLVTITNPLEQAFITASLPNVTFDLWIGLHASQRDFQWVEQ  
 EPLMYANWAPGEPSPAPSGNKPTSCAVLHSPSAHFTGRWDDRSCTEETHGFICQKGTDPSPSPSPA  
 ALPPAPGTELSYLNQFRLLQKPLRWHDALLLCESHNASLAYVPDPTQAFQALTAARGLRTPWIGLAGE  
 EGSRRYSWVSEPLNYVWQDGEPPQGGCTYVDVDGAWRTTSCDTKLQGAVCGVSSGPPPPRRISYHGS  
 CPQGLADSAWIPFREHCYSFHMELLLGHKEARQRCRAGGAVLSILDEMENVFVWEHLQSYEGQSRGAWL  
 GMNFPNPKGGTLVWQDNTAVNYSNWGPPGLGSPMLSHNSCYWIQNSGLWRPGACTNITMGVVCKLPRAEQ  
 SSFSPSALPENPAALVVLMVLLLLLALLTAALILYRRRQSIERGAFEGARYSRSSSSPTEATEKNILVS  
 D MEMNEQQE

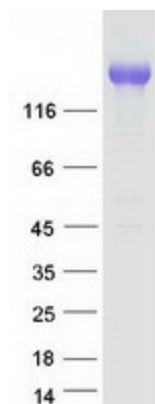
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK



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<b>Predicted MW:</b>	166.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006030</a>
<b>Locus ID:</b>	9902
<b>UniProt ID:</b>	<a href="#">Q9UBG0</a>
<b>RefSeq Size:</b>	4700
<b>Cytogenetics:</b>	17q23.2
<b>RefSeq ORF:</b>	4437
<b>Synonyms:</b>	CD280; CLEC13E; ENDO180; UPARAP
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).