

Product datasheet for TP518145

Mrc2 (NM_008626) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mannose receptor, C type 2 (Mrc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218145 representing NM_008626 Red=Cloning site Green=Tags(s)

MVPIRPALAPWPRHLLRCVLLLGGLRLGHPADSAAALLEPDVFLIFSQGMQGCLEAQGVQVRVTPVCNAS
LPAQRWKWVSRNRLFNLGATQCLGTGWPVTNTTVSLGMYECDREALSLRWQCRTLGDQLSLLLGARASNA
SKPGTLERGDQTRSGHWNIGSEEDLCARPYEYVYTIQGNESHGKPKTIPFKYDNQWFHGTSTGREDGHL
WCATTQDYGKDERWGFCAPIKSNDCEFWDKDQLTDSCYQFNFQSTLSWREAWASCEQQGADLLSITEIHE
QTYINGLLTGYSSTLWIGLNDLDTSGGWQWSDNSPLKYLNWESDQPDNPGEENCGVIRTESSGGWQNHDC
SIALPYVCKKPNATVEPIQPDRWTNVKVECDPSWQPFQGHYRLQAEKRSWQESKRACLRGGGDLISIH
SMAELEFITKQIKQEVEELWIGLNDLKLQMNFEWSDGSLVSFTHWHPFEPNFRDSLEDCVTIWGPEGRW
NDSPCNQSLPSICKKAGRLSQGAAEEDHGCRKGWTVHSPSCYWLGEDQVIYSDARRLCTDHGSQLVITIN
RFEQAFVSSLIYNWEGEYFWTALQDLNSTGSFRWLSGDEVIYTHWNRDQPGYRRGGCVALATGSAMGLWE
VKNCTSFRRARYICRQSLGTPVPELPGPDPTSLTGSCPQGWVSDPKLRHCYKVFSSERLQEKSWIQAL
GVCRELGAQLLSLASYEEHFVAHMLNKIFGESEPESEHWFHFWIGLNRDPREGHSWRWSDGLGFSYHN
FARSRHDDDIRGCAVLDSLQWVPMQCQTQLDWICKIPRGVDVREPDIGRQGRLEWVRFQEAAYKFFE
HHSSWAQAQRICWFQADLTSVHSQAELDFLQNLQKLSSDQEQHWWIGLHTLES DGRFRWTDGSIINFI
SWAPGKPRPIGKDKKCVYMTARQEDWGDQRCHTALPYICKRSNSSGETQPQDLPPSALGGCPSGWNQFLN
KCFRIQQDPQDRVKWSEAFSCEQQAQLVTIANPLEQAFITASLPNVTFDLWIGLHASQRDFQWIEQE
PLLYTNWAPGEPSPAPSGTKPTSCAVILHSPSAHFTGRWDDRSCTEETHGFICQKGTDPSPSPSPAA
TPPAPGAELSYLNHTFRLLQKPLRWKDALLLCEARNASLAHVDPYTAFLTAARGLQTPWIGLASEE
GRRYSWLSEEPNLYVSWQDEEPQHSGGCAYVDVDTWRRTSCDTKLQGAVCGVSRGPPRRRINRYGSCP
QGLADSSWIPFHEHCYSFHMEVLLGHKEALQRCQKAGGTVLSILDEMENVFWEHLQTAEAQSRGAWLGM
NFNPKGGTLVWQDNTAVNYSNWGPPGLGPSMLSHNSCYWIQSSSGLWRPGACTNITMGVCKLPRVEENS
FLPSAALPESPVALVVLTAVLLLLALMTAALILYRRRQSAERGSFEGARYSRSSHSGPAEATEKNILVS
DMEMNEQQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Tag:	C-MYC/DDK
Predicted MW:	167.5 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
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_032652
Locus ID:	17534
UniProt ID:	Q64449 , Q14AX9
RefSeq Size:	5801
Cytogenetics:	11 E1
RefSeq ORF:	4437
Synonyms:	Endo180; mKIAA0709; uPARAP
Summary:	May play a role as endocytotic lectin receptor displaying calcium-dependent lectin activity. Internalizes glycosylated ligands from the extracellular space for release in an endosomal compartment via clathrin-mediated endocytosis. May be involved in plasminogen activation system controlling the extracellular level of PLAU/PLAUR, and thus may regulate protease activity at the cell surface. May contribute to cellular uptake, remodeling and degradation of extracellular collagen matrices. May participate in remodeling of extracellular matrix cooperating with the matrix metalloproteinases (MMPs).[UniProtKB/Swiss-Prot Function]