Recombinant Full Length Human MRC2 Protein, C-Flag-tagged

Cat. No. MRC2-515HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MRC2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	166.5 kDa
AA Sequence	MGPGRPAPAPWPRHLLRCVLLLGCLHLGRPGAPGDAALPEPNVFLIFSHGLQGCLE AQGGQVRVTPACNT SLPAQRWKWVSRNRLFNLGTMQCLGTGWPGTNTTASLGM YECDREALNLRWHCRTLGDQLSLLLGARTSN ISKPGTLERGDQTRSGQWRIYGSE EDLCALPYHEVYTIQGNSHGKPCTIPFKYDNQWFHGCTSTGREDGH LWCATTQDY GKDERWGFCPIKSNDCETFWDKDQLTDSCYQFNFQSTLSWREAWASCEQQGADL LSITEIH EQTYINGLLTGYSSTLWIGLNDLDTSGGWQWSDNSPLKYLNWESDQPDN PSEENCGVIRTESSGGWQNRD CSIALPYVCKKKPNATAEPTPPDRWANVKVECEP

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	SWQPFQGHCYRLQAEKRSWQESKKACLRGGGDLVSI HSMAELEFITKQIKQEVEEL WIGLNDLKLQMNFEWSDGSLVSFTHWHPFEPNNFRDSLEDCVTIWGPEGR WNDS PCNQSLPSICKKAGQLSQGAAEEDHGCRKGWTWHSPSCYWLGEDQVTYSEARRL CTDHGSQLVTIT NRFEQAFVSSLIYNWEGEYFWTALQDLNSTGSFFWLSGDEVMYT HWNRDQPGYSRGGCVALATGSAMGLW EVKNCTSFRARYICRQSLGTPVTPELPG PDPTPSLTGSCPQGWASDTKLRYCYKVFSSERLQDKKSWVQA QGACQELGAQLL SLASYEEEHFVANMLNKIFGESEPEIHEQHWFWIGLNRRDPRGGQSWRWSDGVGF SYH NFDRSRHDDDDIRGCAVLDLASLQWVAMQCDTQLDWICKIPRGTDVREPDDS PQGRREWLRFQEAEYKFF EHHSTWAQAQRICTWFQAELTSVHSQAELDFLSHNLQ KFSRAQEQHWWIGLHTSESDGRFRWTDGSIINF ISWAPGKPRPVGKDKKCVYMTA SREDWGDQRCLTALPYICKRSNVTKETQPPDLPTTALGGCPSDWIQFL NKCFQVQ GQEPQSRVKWSEAQFSCEQQEAQLVTITNPLEQAFITASLPNVTFDLWIGLHASQRD FQWVEQ EPLMYANWAPGEPSGPSPAPSGNKPTSCAVVLHSPSAHFTGRWDDRS CTEETHGFICQKGTDPSLSPSPA ALPPAPGTELSYLNGTFRLLQKPLRWHDALLLCE SHNASLAYVPDPYTQAFLTQAARGLRTPLWIGLAGE EGSRRYSWVSEEPLNYVGW QDGEPQQPGGCTYVDVDGAWRTTSCDTKLQGAVCGVSSGPPPPRRISYHGS CPQ GLADSAWIPFREHCYSFHMELLLGHKEARQRCQRAGGAVLSILDEMENVFVWEHLQ SYEGQSRGAWL GMNFNPKGGTLVWQDNTAVNYSNWGPPGLGPSMLSHNSCYWI QSNSGLWRPGACTNITMGVVCKLPRAEQ SSFSPSALPENPAALVVVLMAVLLLLAL LTAALILYRRRQSIERGAFEGARYSRSSSSPTEATEKNILVS DMEMNEQQETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.

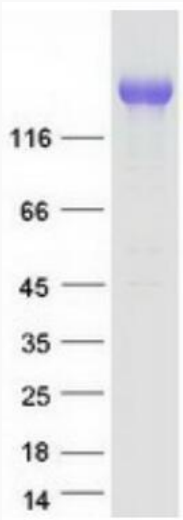
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Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	MRC2 mannose receptor C type 2 [Homo sapiens (human)]
Official Symbol	MRC2
Synonyms	CD280; UPARAP; CLEC13E; ENDO180
Gene ID	9902
mRNA Refseq	NM_006039.5
Protein Refseq	NP_006030.2
MIM	612264
UniProt ID	Q9UBG0

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Coomassie blue staining of purified MRC2 protein.

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