

## Recombinant Human MRC2

**Cat. No.** MRC2-29703TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment corresponding to amino acids 105-214 of Human MRC2 protein with a proprietary tag; predicted mwt: 37.73 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	110 amino acids
<b>Description</b>	MRC2 is a recycling endocytic receptor that functions in cell motility and remodeling of the extracellular matrix by promoting cell migration and uptake of collagens for intracellular degradation (Wienke et al.
<b>Molecular Weight</b>	37.730kDa inclusive of tags
<b>Tissue specificity</b>	Ubiquitous with low expression in brain, placenta, lung, kidney, pancreas, spleen, thymus and colon. Expressed in endothelial cells, fibroblasts and macrophages. Highly expressed in fetal lung and kidney.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione Note: Glutathione is reduced

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<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	ASLGMYECDREALNLRWHCRTLGDQLSLLLGARTSNISKPGTLERGDQTRSGQWRI YGSEEDLCALPYHEVYTIQGN SHGK PCTIPFKYDNQWFHGCTSTGREDGHLWCA
<b>Sequence Similarities</b>	Contains 8 C-type lectin domains.Contains 1 fibronectin type-II domain.Contains 1 ricin B-type lectin domain.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">MRC2 mannose receptor, C type 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">MRC2</a>
<b>Synonyms</b>	MRC2; mannose receptor, C type 2; C-type mannose receptor 2; CD280; CLEC13E; ENDO180; KIAA0709;
<b>Gene ID</b>	<a href="#">9902</a>
<b>mRNA Refseq</b>	<a href="#">NM_006039</a>
<b>Protein Refseq</b>	<a href="#">NP_006030</a>
<b>MIM</b>	<a href="#">612264</a>
<b>Uniprot ID</b>	<a href="#">Q9UBG0</a>
<b>Chromosome Location</b>	17q23
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen processing-Cross

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presentation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Cross-presentation of soluble exogenous antigens (endosomes), organism-specific biosystem;

**Function**

binding; receptor activity; sugar binding;

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