

Recombinant Mouse Mrc2 Protein, Myc/DDK-tagged

Cat. No. Mrc2-4135M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mannose receptor, C type 2 (Mrc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 PLAUR/PLAU, 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).
Molecular Mass	167.5 kDa
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 after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Mrc2 mannose receptor, C type 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Mrc2](#)

Synonyms MRC2; mannose receptor, C type 2; C-type mannose receptor 2; novel lectin; lectin lambda; macrophage mannose receptor 2; uPARAP; Endo180; mKIAA0709; MGC141530

Gene ID [17534](#)

mRNA Refseq [NM_008626](#)

Protein Refseq [NP_032652](#)

UniProt ID [Q64449](#)

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