

Recombinant Human MRC1 Protein (655-1213 aa), His-tagged

Cat. No. MRC1-1462H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MRC1 Protein (655-1213 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	655-1213 aa
Description	Mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. Acts as phagocytic receptor for bacteria, fungi and other pathogens.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	66.4 kDa
AA Sequence	RTSLCFKLYAKGKHEKKTWFESRDFCRALGGDLASINNKEEQQTWRLITASGSYHK LFWLGLTYGSPSEGFTWSDGSPVSYENWAYGEPNNYQNVEYCGELKGDPTMSWN DINCEHLNNWICQIQKGQTPKPEPTAPQDNPPVTEDGWVIYKDYQYYFSKEKETM DNARAFCKRNFGDLVSIQSESEKKFLWKYVNRNDAQSAYFIGLLISLDKKFAWMDGS KVDYVSWATGEPNFANEDENCVTMYSNSGFWDINCGYPNAFICQRHNSSINATTV MPTMPSPVSGCKEGWNFYSNKCFKIFGFMEEERKNWQEARACIGFGGNLVSIGN EKEQAFLTYHMKDSTFSAWTGLNDVNSEHTFLWTDGRGVHYTNWGKGYPGGRRS

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SLSYEDADCVVIIGGASNEAGKWMDDTCDSKRGYICQTRSDPSLTNPPATIQTDGFV
 KYGKSSYSLMRQKFQWHEAETYCKLHNSLIASILDPYSNAFAWLQMETSNERVWIA
 LNSNLTDNQYTWTDKWRVRYTNWAADEPKLKSACVYLDLDGYWKTAHCNESFYFL
 CK

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [MRC1 mannose receptor, C type 1 \[Homo sapiens \]](#)

Official Symbol [MRC1](#)

Synonyms MRC1; bA541i19.1; CD206; CLEC13D; CLEC13DL; MMR; MRC1L1; MGC181940;

Gene ID [4360](#)

mRNA Refseq [NM_002438](#)

Protein Refseq [NP_002429](#)

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MIM	153618
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UniProt ID	P22897
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