



# Recombinant Human Macrophage mannose receptor 1 (MRC1), partial

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-YP014783HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Relevance</b>         | 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.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Abbreviation</b>      | Recombinant Human MRC1 protein, partial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>           | 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                         |
| <b>Uniprot No.</b>       | P22897                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Alias</b>             | C-type lectin domain family 13 member DC-type lectin domain family 13 member D-like;Macrophage mannose receptor 1-like protein 1; CD206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sequence</b>          | RTSLCFKLYAKGKHEKKTWFESRDFCRALGGDLASINNKEEQQTIWRLITASG<br>SYHKLFWLGLTYGSPSEGFTWSDGSPVSYENWAYGEPNNYQNVEYCGELKG<br>DPTMSWNDINCEHLNNWICQIQKGQTPKPEPTPAPQDNPPVTEDGWVIYKDY<br>QYYFSKEKETMDNARAFCKRNFGDLVSIQSESEKKFLWKYVNRNDAQSAYFI<br>GLLISLDKKFAWMDGSKVDYVSWATGEPNFANEDENCVTMYSNSGFWNDIN<br>CGYPNAFICQRHNSSINATTVMPTMPSVPSGCKEGWNFYSNKCFKIFGFME<br>ERKNWQEARKACIGFGGNLVSQNEKEQAFLTYHMKDSTFSAWTGLNDVNSE<br>HTFLWTDGRGVHYTNWVGKGYPGGRRSSLSYEDADCVVIIIGGASNEAGKWMD<br>DTCDSKRGYICQTRSDPSLTNPPATIQTGDFVKYKGSSYSLMRQKFQWHEAE<br>TYCKLHNSLIASILDPYSNAFAWLQMETSNERVWIALNSNLTDNQYTWTDKWR<br>VRYTNWAADEPKLKSACVYLDLDGYWKTAHCNESFYFLCK |
| <b>Research Area</b>     | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target Names</b>      | MRC1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Names</b>     | Recommended name: Macrophage mannose receptor 1 Short name= MMR<br>Alternative name(s): C-type lectin domain family 13 member D C-type lectin domain family 13 member D-like Macrophage mannose receptor 1-like protein 1<br>CD_antigen=                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Expression Region</b> | 655-1213aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

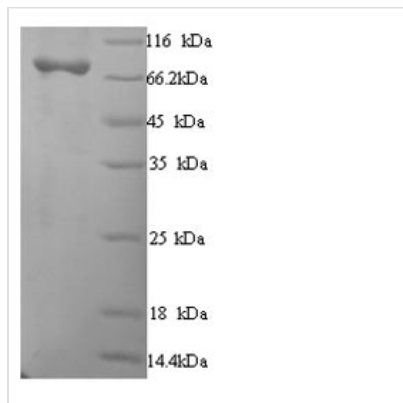


**Tag Info** N-terminal 6xHis-tagged

**Mol. Weight** 66.4kDa

**Protein Length** Partial

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life** 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.