

Recombinant Mouse CD14 Antigen

Cat. No. Cd14-1711M Lot. No. (See product label)

SPECIFICATION

| | |
|------------------------------|---|
| Species | Mouse |
| Source | Mammalian Cells |
| Description | Cluster of differentiation 14 also known as CD14 is a cell surface glycoprotein1 expressed in monocytes, macrophages, polymorphonuclear neutrophils, chondrocytes, B-cells, dendritic cells. CD14 functions to enhance activation of cells by lipopolysaccharide (LPS). |
| Molecular Weight | The predicted molecular weight of Recombinant Mouse CD14 is Mr 61.8 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 85-95 kDa. |
| State Of Matter | Lyophilized. |
| Purity | >95% by SDS Page and analyzed by silver stain. |
| Endotoxin | <0.1 ng per 1 g as determined by the LAL method. |
| Storage And Stability | This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

| | |
|----------------------------|--|
| Gene Name | Cd14 CD14 antigen [Mus musculus] |
| Synonyms | Cd14; CD14 antigen |
| Gene ID | 12475 |
| mRNA Refseq | NM_009841 |
| Protein Refseq | NP_033971 |
| UniProt ID | P10810 |
| Chromosome Location | 18 B2; 18 31.0 cM |
| Pathway | matopoietic cell lineage; MAPK signaling pathway; Regulation of actin cytoskeleton; Toll-like receptor signaling pathway |
| Function | lipopolysaccharide binding; lipoteichoic acid binding; protein binding |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA