



# Recombinant Rat Monocyte differentiation antigen CD14 (Cd14)

<b>Product Code</b>	CSB-YP737216RA
<b>Abbreviation</b>	Cd14
<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>	Q63691
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SPA TPEPCELDQD EESVRCYCNF SDPQPNWSSA FLCAGAEDVE FYGGGRSLEY LLKRVDTEAN LGQYTDIIRS LPLKRLTVRS ARVPTQILFG TLRVLGYSGL RELTLENLEV TGTALSPLLD ATGPDNLNLS LRNVSWATTD TWLAELQQWL KPGLKVLSIA QAHSNLFSCK QVGVFPALAT LDLSDNPELG EKGLISALCP HKFPTLQVLA LRNAGMETTS GVCSALAAAR VPLQALDLSH NSLRDTAGTP SCDWPSQLNS LNLSFTGLEH VPKGLPAKLS VLDLSYNRLD RKPRPEELPE VGSLSLTGPN FLHSESQSEA YN
<b>Source</b>	Yeast
<b>Target Names</b>	Cd14
<b>Protein Names</b>	Recommended name: Monocyte differentiation antigen CD14 Alternative name(s): Myeloid cell-specific leucine-rich glycoprotein CD_antigen= CD14
<b>Expression Region</b>	18-342
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds lipopolysaccharide binding protein and recently has been shown to bind apoptotic cells. Alternative splicing results in multiple transcript variants encoding the same isoform.
<b>Reconstitution</b>	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.
<b>Shelf Life</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.