

Cd14 recombinant protein

Cd14, 16-366aa, Mouse, His tag, Baculovirus

CATALOG # AAA48920	HOST Baculovirus	APPLICATIONS SDS-Page
------------------------------	----------------------------	---------------------------------

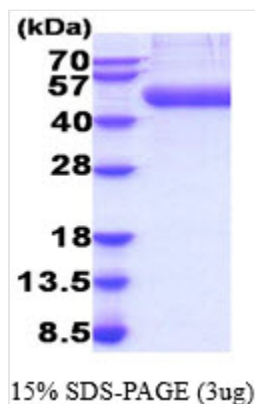
PRODUCT SYNONYMS

Cd14; 16-366aa; Mouse; His tag; Baculovirus; Monocyte differentiation antigen CD14; Cd14 recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence Length	16-366aa
Applicable Applications for Cd14 recombinant protein	SDS-PAGE
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3 ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for Cd14 recombinant protein	Cd14, also known as monocyte differentiation antigen CD14, is a component of the innate immune system. This protein was found expressed in macrophages, neutrophil granulocyte and dendritic cells. It exists in two forms, one anchored to the membrane by a glycosylphosphatidylinositol tail (mCD14), the other a soluble form (sCD14). The major function is serve as a co-receptor (along with TLR4 and MD-2) for the bacterial lipopolysaccharide (LPS) and other pathogen-associated molecular patterns. Recombinant Mouse Cd14, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for Cd14 recombinant protein	Immunology
References	Ferrero E., et al. (1990) J Immunol. 45 (1):331-336.; SD Wright., et al. (1990) Science. 249:1431-1433.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753332
NCBI GeneID	12475
NCBI Accession #	NP_033971
NCBI GenBank Nucleotide #	NM_009841.4
UniProt Accession #	P10810
Molecular Weight	38.3kDa (357aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 antigen
NCBI Official Symbol	Cd14
NCBI Protein Information	monocyte differentiation antigen CD14
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	Cd14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cd14-recombinant-protein-baculovirus-sds-page/48920>