

CD14 CHO Active Protein | CD14 active protein

Recombinant Human CD14 CHO

CATALOG #
AAA38511

HOST
CHO-cells

PRODUCT SYNONYMS

CD14 CHO; Recombinant Human CD14 CHO; CD14 Human; CHO; CD14 Human Recombinant; Monocyte differentiation antigen CD14; Myeloid cell-specific leucine-rich glycoprotein; CD14; CD14 active protein

PRODUCT SPECIFICATIONS

Host	CHO-cells
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	CD14 was lyophilized from a concentrated protein solution (1.4 mg/ml) containing phosphate-buffered saline, pH 7.2.
Sequence Length	375
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized CD14 in sterile 18M Omega -cm H ₂ O not less than 100 ug/ml. Further dilutions should be made with phosphate buffered saline (PBS).
Biological Activity	Up to 20 ug/ml CD14 inhibit binding of FITC-LPS (0.5 ug/ml) to 600,000 CD14+CHO transfectants (FACS).
Preparation and Storage	Lyophilized CD14 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution CD14 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CD14 active protein	Description: The CD14 is produced from human CD14 transfected CHO-cells. Before transfection the complete human CD14-cDNA was amplified by PCR and cloned into expression vector p-POL-DHFR. The myeloid differentiation antigen CD14 acts as the major receptor for bacterial LPS. The dominant form of the recombinant wild type CD14 is the 50-kDa protein containing 335 amino acids and lacks the GPI-Anchor.
Product Categories/Family for CD14 active protein	Recombinant & Natural Proteins ; CD Antigens

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557417
NCBI GeneID	929
NCBI Accession #	NP_000582.1
NCBI GenBank Nucleotide #	NM_000591.3
UniProt Accession #	P08571; Q53XT5; Q96FR6; Q96L99; Q9UNS3
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 molecule

NCBI Official Symbol	CD14
NCBI Protein Information	monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	CD14
UniProt Entry Name	CD14_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/cho-cells-active-protein/cd14-cho/38511>