

# Recombinant Full Length Human CD14 Protein, GST-tagged

Cat. No. CD14-2944HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human CD14 full-length ORF (AAH10507, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** In Vitro Cell Free System

**ProteinLength** 375 amino acids

**Description** The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Mar 2010]

**Molecular Mass** 66.99 kDa

**AA Sequence**

```
MERASCLLLLLLPLVHVSATTPEPCELDDDFRCVCFNFSEPPQPDWSEAFQCVSAVE
VEIHAGGLNLEPFLKRVADADPRQYADTVKALRVRRLLTVGAAQVPAQLLVGALRVL
AYSRLKELTLEDLKITGTMPPLEATGLALSSLRLRNVSATGRSWLAELQQWLKP
GLKVLSIAQAHSPAFCSEQVRAFPALTSLDSDNPGLGERGLMAALCPHKFPAIQDL
ALRNTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLNL
SFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPELPEVDNLTLDGNPFLVPGTALPH
EGSMNSGVVPACARSTLSVGVSGTLVLLQGARGFA
```

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CD14 CD14 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD14
<b>Synonyms</b>	CD14; CD14 molecule; CD14 antigen; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein;
<b>Gene ID</b>	929
<b>mRNA Refseq</b>	NM_000591
<b>Protein Refseq</b>	NP_000582
<b>MIM</b>	158120
<b>UniProt ID</b>	P08571

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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