

Recombinant Pig CD14 protein, His & T7-tagged

Cat. No. CD14-790P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CD14 aa. (Thr21~Ala373 (Accession # A2SW51)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Thr21~Ala373
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CD14 CD14 molecule [<i>Sus scrofa</i> (pig)]
Official Symbol	CD14
Synonyms	monocyte differentiation antigen CD14; CD14 antigen
Gene ID	100037938
mRNA Refseq	NM_001097445.2
Protein Refseq	NP_001090914.2
UniProt ID	A2SW51

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