Recombinant Pig CD3D protein, His-tagged

Cat. No. CD3D-1905P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CD3D aa. (Tyr22~Thr103 (Accession # Q764N2)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Tyr22~Thr103
Form	Freeze-dried powder
Molecular Mass	11kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CD3D CD3d molecule [Sus scrofa (pig)]
Official Symbol	CD3D
Synonyms	Serpinb1a; serine (or cysteine) peptidase inhibitor, clade B, member 1a; EI; EIA; LEI; PI2; MNEI; M/NEI; ELANH2; AI325983; 1190005M04Rik; leukocyte elastase inhibitor A; ovalbumin; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1a; serine (or cysteine) proteinase inhibitor, clade B, member 1a; serine protease inhibitor EIA; serpin B1a
Gene ID	396661
mRNA Refseq	NM_213775.2
Protein Refseq	NP_998940.1
UniProt ID	Q764N2

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