

Recombinant Pig F2 Protein, His-tagged

Cat. No. F2-907P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig F2 Protein (Ala44-Arg315) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Ala44-Arg315
Description	Biased expression in liver (RPKM 967.4) and mixtures (RPKM 329.3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7 kDa; Accurate Molecular Mass: 39 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

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Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Gene Name	F2 coagulation factor II, thrombin [<i>Sus scrofa</i> (pig)]
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Official Symbol	F2
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Synonyms	F2; coagulation factor II, thrombin; prothrombin; thrombin; EC 3.4.21.5
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Gene ID	100144442
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mRNA Refseq	NM_001122985
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Protein Refseq	NP_001116457
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UniProt ID	Q19AZ8
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