

Recombinant Pig C5 Protein, His-tagged

Cat. No. C5-348P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig C5 Protein (Met1-Arg74) with N-His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Met1-Arg74
Description	Biased expression in liver (RPKM 125.3), lung (RPKM 76.5) and 1 other tissue
Form	Freeze-dried powder
Molecular Mass	Accurate Molecular Mass: 15 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, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name C5 complement C5 [*Sus scrofa* (pig)]

Official Symbol C5

Synonyms C5; complement C5; Hc; C5a; RGD1561905; complement C5; anaphylatoxin; complement component 5

Gene ID 414437

mRNA Refseq NM_001001646

Protein Refseq NP_001001646

UniProt ID P01032

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