

Recombinant Pig GBP1 Protein, His-tagged

Cat. No. GBP1-945P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig GBP1 Protein (Lys35-Lys275) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Lys35-Lys275
Description	Broad expression in spleen (RPKM 112.6), lung (RPKM 77.6) and 8 other tissues.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.2 kDa; Accurate Molecular Mass: 34 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.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name GBP1 guanylate binding protein 1, interferon-inducible [*Sus scrofa* (pig)]

Official Symbol GBP1

Synonyms GBP1; guanylate binding protein 1, interferon-inducible; interferon-induced guanylate-binding protein 1; guanylate binding protein 1, interferon-inducible, 67kDa;

Gene ID 100151938

mRNA Refseq NM_001128473

Protein Refseq NP_001121945

UniProt ID B2XWS1

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