

Recombinant Chicken FABP7 Protein, His-tagged

Cat. No. FABP7-920C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken FABP7 Protein (Val2-Ala132) with His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Val2-Ala132
Description	The gene encodes a small, highly conserved cytoplasmic protein that bind long-chain fatty acids and other hydrophobic ligands. The encoded protein is important in the establishment of the radial glial fiber in the developing brain. Alternative splicing and promoter usage results in multiple transcript variants encoding different isoforms. Pseudogenes of this gene are found on multiple chromosomes.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.5 kDa; Accurate Molecular Mass: 19 kDa
Purity	> 95%
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

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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.

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

[FABP7 fatty acid binding protein 7 \[Gallus gallus \(chicken\) \]](#)

Official Symbol

[FABP7](#)

Synonyms

FABP7; fatty acid binding protein 7; fatty acid-binding protein, brain; B-FABP; R-FABP; brain-type fatty acid-binding protein; cl. 453 fatty acid or lipid binding protein; fatty acid binding protein 7, brain; fatty acid-binding protein, retina

Gene ID

[396246](#)

mRNA Refseq

[NM_205308](#)

Protein Refseq

[NP_990639](#)

UniProt ID

[Q05423](#)

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