

Recombinant Mouse Gap43 protein, His & T7-tagged

Cat. No. Gap43-6817M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gap43 aa. (Thr8~Ala228 (Accession # P06837)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr8~Ala228
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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

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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 lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION**Gene Name**

Gap43 growth associated protein 43 [*Mus musculus* (house mouse)]

Official Symbol

Gap43

Synonyms

B-50; Basp2; GAP-43; axonal membrane protein GAP-43; brain abundant, membrane attached signal protein 2; calmodulin-binding protein P-57; growth accentuating protein 43; neuromodulin

Gene ID

14432

mRNA Refseq

NM_008083.2

Protein Refseq

NP_032109.1

UniProt ID

P06837

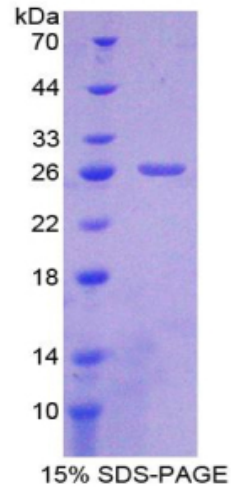
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SDS-PAGE



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