Recombinant Rat Gap43 protein, His & T7-tagged

Cat. No. Gap43-6818R **Lot. No.** (See product label)

SPECIFICATION

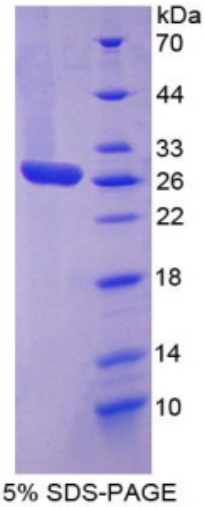
Product Overview	Recombinant Rat Gap43 aa. (Thr8~Ala226 (Accession # P07936)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr8~Ala226
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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 [Rattus norvegicus (Norway rat)]
Official Symbol	Gap43
Synonyms	Basp2; axonal membrane protein GAP-43; brain abundant, membrane attached signal protein 2; growth accentuating protein 43; protein F1; neuromodulin
Gene ID	29423
mRNA Refseq	NM_017195.3
Protein Refseq	NP_058891.1
UniProt ID	P07936

SDS-PAGE	 15% SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA