

Product Data Sheet

Recombinant Human GAP43 Protein

Catalog #	Source	Reactivity	Applications
CST2222	E. coli	H	
Description	Recombinant Human GAP43 Protein is produced by E. coli expression system and the target gene encoding Val11-Glu110 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GAP43		
Alternative Names	Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46		
Entrez Gene	2596		
SwissProt	P17677		
Purity			
Chemical Structure	VEKNDDDDQKI EQDGIKPEDK AHKAATKIQA SFRGHITRKK LKGEKKDDVQ AAEEAEANKKD EAPVADGVEK KEGGTTTAEA APATGSKPDE PGKAGETPSE		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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