

Recombinant Full Length Human GAP43 Protein

Cat. No. GAP43-178HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GAP43 with an N terminal proprietary tag; Predicted MWt 52.29 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	238 amino acids
Description	The protein encoded by this gene has been termed a growth or plasticity protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Form	Liquid
Molecular Mass	52.290kDa inclusive of tags
AA Sequence	MLCCMRRTKQVEKNDDDDQKIEQDGIKPEDKAHKAATKIQA SFRGHITRKKLKGEKK DDVQAAEAEANKKDEAPVADGVEK KEGGTTTAEAAPATGSKPDEPGKAGETPSEE KKGEGDAAT EQAAPQAPASSEEEKAGSAETESATKASTDNSPSSKAEDAP AKEEPK QADVPAAVTAAAATTPAAEDAAAKATAQPPTETG ESSQAEENIEAVDETKPKESAR QDEGKEEEPEADQEHA

 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

Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	GAP43 growth associated protein 43 [Homo sapiens]
Official Symbol	GAP43
Synonyms	GAP43; growth associated protein 43; neuromodulin; axonal membrane protein GAP 43; B 50; calmodulin binding protein P 57; nerve growth related peptide GAP43; neural phosphoprotein B 50; neuron growth associated protein 43; PP46; protein F1
Gene ID	2596
mRNA Refseq	NM_001130064
Protein Refseq	NP_001123536
MIM	162060
UniProt ID	P17677

 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