

Product datasheet for **AR50403PU-N**

GAP43 (1-238, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GAP43 (1-238, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFMLCCMR RTKQVEKNDD DQKIEQDGIK PEDKAHKAAT KIQASFRGHI TRKCLKGEEK DDVQAAEAEA NKKDEAPVAD GVEKKGEGTT TAEAAPATGS KPDEPGKAGE TPSEKKGEG DAATEQAAPQ APASSEKAG SAETESATKA STDNSPSSKA EDAPAKEEPK QADVPAAVTA AAATTPAAED AAKATAQPP TETGESSQAE ENIEAVDETK PKESARQDEG KEEPEADQE HA
Tag:	His-tag
Predicted MW:	27.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GAP43 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001123536
Locus ID:	2596
UniProt ID:	P17677
Cytogenetics:	3q13.31
Synonyms:	Neuromodulin



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Summary:

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. [provided by RefSeq, Jul 2008]

Product images: