

Product datasheet for AR09426PU-L

NCS1 (1-190, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	NCS1 (1-190, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGKSNSKLKP EVVEELTRKT YFTEKEVQQW YKGFIKDCPS GQLDAAGFQK IYKQFFPFGD PTKFATFVFN VFDENKDGRI EFSEFIQALS VTSRGTLDEK LRWAFKLYDL DNDGYITRNE MLDIVDAIYQ MVGNTVELPE EENTPEKRVD RIFAMMDKNA DGKLTLQEFQ EGSKADPSIV QALSLYDGLV <u>LEHHHHHH</u>
Tag:	His-tag
Predicted MW:	22.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NCS1 fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001122298</u>
Locus ID:	23413
UniProt ID:	<u>P62166</u>
Cytogenetics:	9q34.11
Synonyms:	FLUP; FREQ



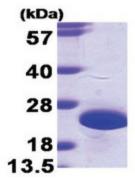
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Scrigene NCS1 (1-190, His-tag) Human Protein – AR09426PU-L

Summary:This gene is a member of the neuronal calcium sensor gene family, which encode calcium-
binding proteins expressed predominantly in neurons. The protein encoded by this gene
regulates G protein-coupled receptor phosphorylation in a calcium-dependent manner and
can substitute for calmodulin. The protein is associated with secretory granules and
modulates synaptic transmission and synaptic plasticity. Multiple transcript variants encoding
different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



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