

## Product datasheet for **AR09426PU-L**

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

#### Product data:

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:	MGKSNSKLP EVVEELTRKT YFTEKEVQQW YKGFIKDCPS GQLDAAGFQK IYKQFFPFGD PTKFATFVFN VFDENKDGRI EFSEFIQALS VTSRGTLDK LRWAFKLYDL DNDGYITRNE MLDIVDAIQ MVGNTVELPE EENTPEKRV D RIFAMMDKNA DGKLTQLQEFQ 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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**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:**