

## Product datasheet for **AR51220PU-N**

### NipSnap1 (1-284, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	NipSnap1 (1-284, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAPRLCS ISVTARRLLG GPGPRAGDVA SAAAARFYSK DNEGSWFRSL FVHKVDPRKD AHSTLLSKKE TSNLYKIQFH NVKPEYLDAY NSLTEAVLPK LHLDEDYPCS LVGNWNTWYG EQDQAVHLWR FSGGYPALMD CMNKLKNNKE YLEFRRERSQ MLLSRRNQLL LEFSFWNEPQ PRMGPNIEL RTYKLGPGTM IEWGNNWARA IKYRQENQEA VGGFFSQIGE LYVHHLWAY KDLQSREETR NAAWRKRGWD ENVYYTVPLV RHMESRIMIP LKISPLQ
Tag:	His-tag
Predicted MW:	35.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NIPSNAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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:	<a href="#">NP_001189431</a>
Locus ID:	8508
UniProt ID:	<a href="#">Q9BPW8</a>
Cytogenetics:	22q12.2



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**Summary:**

This gene encodes a member of the NipSnap family of proteins that may be involved in vesicular transport. A similar protein in mice inhibits the calcium channel TRPV6, and is also localized to the inner mitochondrial membrane where it may play a role in mitochondrial DNA maintenance. A pseudogene of this gene is located on the short arm of chromosome 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011]

**Product images:**