Recombinant Human nipsnap homolog 1 (C. elegans), His-tagged

Cat. No. NIPSNAP1-316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NIPSNAP1, 1-284aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-284 a.a.
Description	NIPSNAP1 is 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. Recombinant human NIPSNAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	35.7 kDa (307aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPRLCS ISVTARRLLG GPGPRAGDVA SAAAARFYSK DNEGSWFRSL FVHKVDPRKD AHSTLLSKKE TSNLYKIQFH NVKPEYLDAY NSLTEAVLPK LHLDEDYPCS LVGNWNTWYG EQDQAVHLWR FSGGYPALMD CMNKLKNNKE YLEFRRERSQ MLLSRRNQLL LEFSFWNEPQ

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	PRMGPNIYEL RTYKLKPGTM IEWGNNWARA IKYRQENQEA VGGFFSQIGE LYVVHHLWAY KDLQSREETR NAAWRKRGWD ENVYYTVPLV RHMESRIMIP LKISPLQ
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	NIPSNAP1 nipsnap homolog 1 (C. elegans) [Homo sapiens]
Official Symbol	NIPSNAP1
Synonyms	NIPSNAP1; nipsnap homolog 1 (C. elegans); protein NipSnap homolog 1; 4-nitrophenylphosphatase domain and non-neuronal SNAP25-like 1;
Gene ID	8508
mRNA Refseq	NM_001202502
Protein Refseq	NP_001189431

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