

## 32-4322: Recombinant Human Nipsnap Homolog 1

**Alternative Name :** Nipsnap Homolog 1 (C. Elegans),4 Nitrophenylphosphatase Domain And Non-Neuronal SNAP25-Like 1,NIPSNAP,C. Elegans,Homolog,Protein NipSnap Homolog 1,NipSnap1.

### Description

Source : Escherichia Coli. NIPSNAP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (1-284a.a) and having a molecular mass of 35.7kDa.NIPSNAP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Nipsnap Homolog 1 (NIPSNAP1) belongs to the NipSnap family. NIPSNAP1 may take part in vesicular transport. A similar protein in mice inhibits the calcium channel TRPV6, and it is localized to the inner mitochondrial membrane as well, where it may be involved in mitochondrial DNA maintenance. A pseudogene of NIPSNAP1 is located on the short arm of chromosome 17. Among the diseases associated with NIPSNAP1 are maple syrup urine disease, and phenylketonuria.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** NIPSNAP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMAPRLCS ISVTARRLLG GPGPRAGDVA SAAAARFYSK  
DNEGSWFRSL FVHKVDPKRD AHSTLLSKKE TSNLYKIQFH NVKPEYLDAY NSLTEAVLPK LHLDEDYPCS  
LVGNWNTWYG EQDQAVHLWR FSGGYPALMD CMNKLKNNKE YLEFRRERSQMLLSRRNQLL  
LEFSFWNEPQ PRMGPNIEL RTYKLPKGTM IEWGNWARA IKYRQENQEA VGGFFSQIGE LYVVHHLWAY  
KDLQSREETR NAAWRKRGWD ENVYYTVPLV RHMESRIMIP LKISPLQ

