

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 FVHKVDPRKD AHSTLLSKKE TSNLYKIQFH NVKPEYLDAY NSLTEAVLPK LHLDEDYPCS
 LVGNWNTWYG EQDQAVHLWR FSGGYPALMD CMNKLKNNKE YLEFRRERSQMLLSRRNQLL
 LEFSFWNEPQ PRMGPNIEL RTYKLKPGTM IEWGNNWARA IKYRQENQEA VGGFFSQIGE LYVVHHLWAY
 KDLQSREETR NAAWRKRGWD ENVYYTVPLV RHMESRIMIP LKISPLQ

