9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NIPSNAP1 Human

Nipsnap Homolog 1 Human Recombinant
RCP1497

Product Overview

Name	NIPSNAP1 Human
Description	
Nipsnap Homolog 1 Human Recombinant	
Accession (Primary)	Q9BPW8
Synonyms	
Nipsnap Homolog 1 (C. Elegans), 4 Nitrophenylphosphatase Domain And Non-Neuronal SNAP25-Like 1, NIPSNAP, C. Elegans, Homolog, Protein NipSnap Homolog 1, NipSnap1.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
NIPSNAP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAPRLCS ISVTARRLLG GPGPRAGDVA SAAAARFYSK DNEGSWFRSL FVHKVDPRKD AHSTLLSKKE TSNLYKIQFH NVKPEYLDAY NSLTEAVLPK LHLDEDYPCS LVGNWNTWYG EQDQAVHLWR FSGGYPALMD CMNKLKNNKE YLEFRRERSQ MLLSRRNQLL LEFSFWNEPQ PRMGPNIYEL	

RTYKLKPGTM IEWGNNWARA IKYRQENQEA VGGFFSQIGE LYVVHHLWAY KDLQSREETR NAAWRKRGWD ENVYYTVPLV RHMESRIMIP LKISPLQ

Precautions

NIPSNAP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BPW8)