Datasheet for ABIN5853334

NIPSNAP1 Protein (AA 1-284) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	NIPSNAP1
Protein Characteristics:	AA 1-284
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NIPSNAP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAPRLCS 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
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	NIPSNAP1
Alternative Name:	NIPSNAP1 (NIPSNAP1 Products)

Target Details

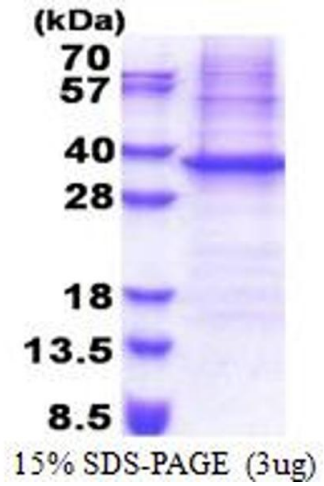
Background:	NIPSNAP1 is a member of the NipSnap family of proteins that may be involved in vesicular transport. A similar protein in mice inhibits the calcium channel TRPV6, and is also localized to the inner mitochondrial membrane where it may play a role in mitochondrial DNA maintenance. A pseudogene 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.
Molecular Weight:	35.7 kDa (307aa)
NCBI Accession:	NP_003625
UniProt:	Q9BPW8

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.



SDS-PAGE

Image 1.