

Datasheet for ABIN7317201 **CNPY2/MSAP Protein (His tag)**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CNPY2/MSAP (CNPY2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNPY2/MSAP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CNPY2 Protein (His Tag)
Sequence:	Met 1-Ser178
Characteristics:	A DNA sequence encoding the human CNPY2 (Q9Y2B0-1) (Met1-Ser178) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CNPY2/MSAP (CNPY2)
Alternative Name:	CNPY2 (CNPY2 Products)
Background:	Background: CNPY2 is a novel MIR-interacting protein that enhances neurite outgrowth and increases myosin regulatory light chain. CNPY2 enhances migration of C6 glioma cells through phosphorylation of the myosin regulatory light chain. It is expressed in different tissues,

Target Details

including brain. Overexpression of CNPY2 enhanced the motility of glioma cells measured in matrigel invasion chambers and using a scratch assay. Downregulation of CNPY2 by RNA interference significantly decreased glioma cell migration and phosphorylation of MRLC. Inhibition of the corresponding MRLC kinase by ML-7 did not affect migration of CNPY2-overexpressing cells.

Synonym: HP10390,MSAP,TMEM4,ZSIG9

Molecular Weight: 20 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.