Datasheet for ABIN2732314

# SNAPIN Protein (Myc-DYKDDDDK Tag)

## 1 Image

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 20 µg |
| Target: | SNAPIN |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SNAPIN protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

| | |
|---|---|
| Characteristics: | • Recombinant human SNAPIN protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

| | |
|---|---|
| Target: | SNAPIN |
| Alternative Name: | Snapin (SNAPIN Products) |
| Background: | The protein encoded by this gene is a coiled-coil-forming protein that associates with the SNARE (soluble N-ethylmaleimide-sensitive fusion protein attachment protein receptor) complex of proteins and the BLOC-1 (biogenesis of lysosome-related organelles) complex. Biochemical studies have identified additional binding partners. As part of the SNARE complex, it is required for vesicle docking and fusion and regulates neurotransmitter release. The BLOC-1 |

## Target Details

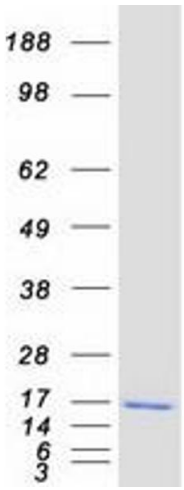
| | |
|---|---|
| | complex is required for the biogenesis of specialized organelles such as melanosomes and platelet dense granules. Mutations in gene products that form the BLOC-1 complex have been identified in mouse strains that are models of Hermansky-Pudlak syndrome. Alternative splicing results in multiple transcript variants. |
| Molecular Weight: | 14.7 kDa |
| NCBI Accession: | NP_036569 |
| Pathways: | Synaptic Membrane, Synaptic Vesicle Exocytosis |

## Application Details

| | |
|---|---|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |




**Western Blotting**

**Image 1.** Validation with Western Blot