

## Product datasheet for **TP302179L**

### SNAP29 (NM\_004782) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human synaptosomal-associated protein, 29kDa (SNAP29), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC202179 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSAYPKSYNPFDDDDGEDEGARPAPWRDARDLPDGPDAPADRQQYLQRQEVLRRAEATAASTSRSLALMYES  
EKVGVASSEELARQRGVLERTEKMVDKMDQDLKISQKHINSIKSVFGLVNYFKSKPVETPPEQNGTLTS  
QPNNRLKEAISTSKEQEAKYQASHPNLRKLDLDDTDPVPRGAGSAMSTDAYPKNPHLRAYHQKIDSNLDELS  
MGLGRLKDIALGMQTEIEEQDDILDRLTTKVDKLDVNIKSTERKVRQL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 28.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_004773](#)

**Locus ID:** 9342

**UniProt ID:** [O95721](#)



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RefSeq Size: 4277

Cytogenetics: 22q11.21

RefSeq ORF: 774

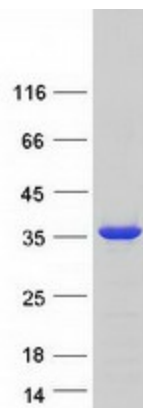
Synonyms: CEDNIK; SNAP-29

**Summary:** This gene, a member of the SNAP25 gene family, encodes a protein involved in multiple membrane trafficking steps. Two other members of this gene family, SNAP23 and SNAP25, encode proteins that bind a syntaxin protein and mediate synaptic vesicle membrane docking and fusion to the plasma membrane. The protein encoded by this gene binds tightly to multiple syntaxins and is localized to intracellular membrane structures rather than to the plasma membrane. While the protein is mostly membrane-bound, a significant fraction of it is found free in the cytoplasm. Use of multiple polyadenylation sites has been noted for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

**Protein Pathways:** SNARE interactions in vesicular transport

### Product images:



Coomassie blue staining of purified SNAP29 protein (Cat# [TP302179]). The protein was produced from HEK293T cells transfected with SNAP29 cDNA clone (Cat# [RC202179]) using MegaTran 2.0 (Cat# [TT210002]).