

Recombinant Full Length Human SNAP29 Protein, C-Flag-tagged

Cat. No. SNAP29-290HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNAP29 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.8 kDa
AA Sequence	MSAYPKSYNPFDDDDGEDEGARPAPWRDARDLPDGPDAPADRQQYLRQEVLRRAE ATAASTSRSLALMYES EKVGVASSEELARQRGVLERTEKMVDKMDQDLKISQKHIN SIKSVFGGLVNYFKSKPVETPPEQNGTLTS QPNNRLKEAISTSKEQEAKYQASHPNL RKLDDTDPVPRGAGSAMSTDAYPKNPHLRAYHQBKIDSNLDELS

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MGLGRLKDIALGMQTEIEEQDDILDRLTTKVDKLDVNIKSTERKVRQLTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

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

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

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

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

Protein Families Druggable Genome

Protein Pathways SNARE interactions in vesicular transport

Full Length Full L.

GENE INFORMATION

Gene Name [SNAP29 synaptosome associated protein 29 \[Homo sapiens \(human\) \]](#)

Official Symbol [SNAP29](#)

Synonyms CEDNIK; SNAP-29

Gene ID [9342](#)

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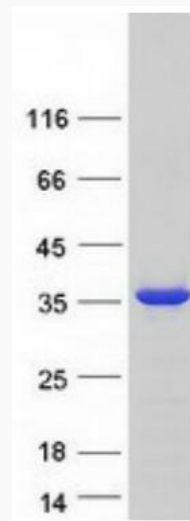
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mRNA Refseq [NM_004782.4](#)

Protein Refseq [NP_004773.1](#)

MIM [604202](#)

UniProt ID [O95721](#)



Coomassie blue staining of purified SNAP29 protein.

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