

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 EKVGVASSEELARQRGVLERTEKMDVKMDQDLKISQKHIN SIKSVFGGLVNYFKSKPVETPPEQNGTLTS QPNNRLKEAISTSKEQEAKYQASHPNL RKLDDTDPVPRGAGSAMSTDAYPKNPHLRAYHQKIDSNLDELS

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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

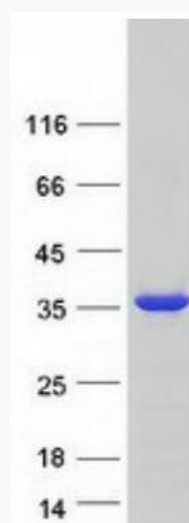
Gene Name	SNAP29 synaptosome associated protein 29 [Homo sapiens (human)]
Official Symbol	SNAP29
Synonyms	CEDNIK; SNAP-29
Gene ID	9342

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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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