

Recombinant Human SNAP29 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNAP29-6403H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNAP29 MS Standard C13 and N15-labeled recombinant protein (NP_004773) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	29 kDa
AA Sequence	MSAYPKSYNPFDDDDGEDEGARPPWRDARDLPDGPADADRQQYLRQEVLRRAE ATAASTSRSLALMYESEKVGVASSEELARQRGVLERTEKMVDKMDQDLKISQKHIN SIKSVFGGLVNYFKSKPVETPPEQNGTLTSQPNNRLKEAISTSKEQEAKYQASHPNL RKLDDTDPVPRGAGSAMSTDAYPKNPHLRAYHQKIDSNLDELSMGLGRLKDIALGM QTEIEEQDDILDRLTTKVDKLDVNIKSTERKVRQLTRTRPLEQKLISEEDLAANDILDY

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	KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SNAP29 synaptosome associated protein 29 [Homo sapiens (human)]
Official Symbol	SNAP29
Synonyms	SNAP29; synaptosomal-associated protein, 29kDa; synaptosomal associated protein, 29kD; synaptosomal-associated protein 29; CEDNIK; SNAP 29; soluble 29 kDa NSF attachment protein; vesicle-membrane fusion protein SNAP-29; SNAP-29; FLJ21051;
Gene ID	9342
mRNA Refseq	NM_004782
Protein Refseq	NP_004773
MIM	604202

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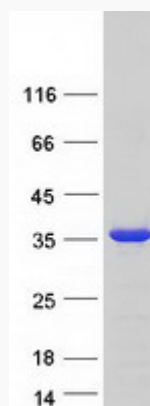
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UniProt ID

O95721

SDS-PAGE

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