

Recombinant Mouse Snap29 Protein, Myc/DDK-tagged

Cat. No. Snap29-5993M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length synaptosomal-associated protein 29 (Snap29), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion. SNAP29 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. Plays also a role in ciliogenesis by regulating membrane fusions.
Molecular Mass	29.6 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Snap29 synaptosomal-associated protein 29 [*Mus musculus* (house mouse)]

Official Symbol Snap29

Synonyms SNAP29; synaptosomal-associated protein 29; SNAP-29; golgi SNARE of 32 kDa; soluble 29 kDa NSF attachment protein; vesicle-membrane fusion protein SNAP-29; Gs32; AI891940; AU020222; BB131856; 1300018G05Rik

Gene ID 67474

mRNA Refseq NM_023348

Protein Refseq NP_075837

UniProt ID Q9ERB0

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