

Recombinant Mouse Ncstn Protein, Myc/DDK-tagged

Cat. No. Ncstn-4319M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nicastrin (Ncstn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). It probably represents a stabilizing cofactor required for the assembly of the gamma-secretase complex.
Molecular Mass	78.5 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ncstn nicastrin [Mus musculus (house mouse)]
Official Symbol	Ncstn
Synonyms	NCSTN; nicastrin; Nct; Aph2; AA727311; D1Dau13e; Kiaa0253; mKIAA0253; 9430068N19Rik
Gene ID	59287
mRNA Refseq	NM_021607
Protein Refseq	NP_067620
UniProt ID	P57716

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