Recombinant Mouse Psenen Protein, Myc/DDK-tagged

Cat. No. Psenen-5172M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length presenilin enhancer gamma secretase subunit (Psenen), 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 (amyloid-beta precursor protein). The gamma-secretase complex plays a role in Notch and Wnt signaling cascades and regulation of downstream processes via its role in processing key regulatory proteins, and by regulating cytosolic CTNNB1 levels (Probable). PSENEN modulates both endoproteolysis of presenilin and gamma-secretase activity.
Molecular Mass	12 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.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Psenen presenilin enhancer gamma secretase subunit [Mus musculus (house mouse)]
Official Symbol	Psenen
Synonyms	PSENEN; presenilin enhancer 2 homolog (C. elegans); gamma-secretase subunit PEN-2; presenilin enhancer protein 2; 1700023M09Rik; MGC102026
Gene ID	66340
mRNA Refseq	NM_025498
Protein Refseq	NP_079774
UniProt ID	Q9CQR7

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