

Recombinant Human PSEN2 protein, GST-tagged

Cat. No. PSEN2-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSEN2 protein(1-87 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-87 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MLTFMASDSEEEVCDERTSLMSAESPTPRSCQEGRQGPEDGENTAQWRSQENEE DGEEDPDRYVCSGVPGRPPGLEEELTLKYGAKH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PSEN2 presenilin 2 (Alzheimer disease 4) [Homo sapiens]
Official Symbol	PSEN2
Synonyms	PSEN2; presenilin 2 (Alzheimer disease 4); AD4; presenilin-2; AD3L; PS2; STM2; AD5; E5-1; PS-2; AD3LP; STM-2; CMD1V;
Gene ID	5664
mRNA Refseq	NM_000447
Protein Refseq	NP_000438
MIM	600759
UniProt ID	P49810

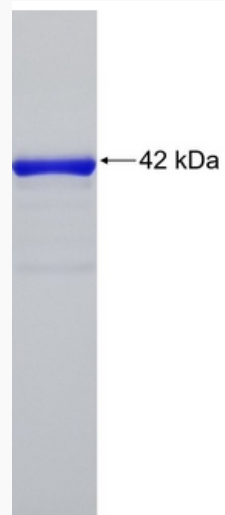
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SDS-PAGE



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