

Recombinant Mouse Notch1 protein, GST-tagged

Cat. No. Notch1-420M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Notch1 protein(NP_032740)(1924-2209 aa), fused to GST tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1924-2209 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	LAARYSRSDAAKRLLEASADANIQDNMGRTPHAAVSADAQGVFQILLRN RATDLDA RMHDGTTPLILAAARLAVEGMLEDLINSHADVNAVDDLGKSALHWAAAVNNVDAAVVL LKNGANKDMQNNKEETPLFLAAREGSYETAKVLLDHFANRDITDHMDRLPRDIAQE RMHHDIVRLLDEYNLVRSPQLHG TALGGTPTLSPTLCSPNGYLG NLKSATQGKKAR KPSTKGLACGSKEAKDLKARRKKSQDGKGCLLDSSSMLSPVDSLES PHGYLSDVAS PPLL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [Notch1 Notch gene homolog 1 \(Drosophila\) \[Mus musculus \]](#)

Official Symbol [Notch1](#)

Synonyms NOTCH1; Notch gene homolog 1 (Drosophila); neurogenic locus notch homolog protein 1; mT14; p300; Motch A; notch 1; major type A protein; transmembrane receptor Notch1; N1; Mis6; Tan1; lin-12; 9930111A19Rik;

Gene ID [18128](#)

mRNA Refseq [NM_008714](#)

Protein Refseq [NP_032740](#)

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