



# Recombinant Rat Neuronal pentraxin-1 (Nptx1)

<b>Product Code</b>	CSB-YP016029RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P47971
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>QDFGPTRF ICTSVPVDAD MCAASVAAGG AEELRSNVLQ LRETVLQQKE  TILSQKETIR ELTTKLGRC E SQSTLDAGPG EARSGGGRKQ PGSGKNTMGD  LSRTPASETL SQLGQTLQSL KTRLENLEQY SRLNSSSQTN SLKDLLQSKI  DDLERQVLSR VNTLEEGKGG PKNDTEERAK IESALTS LHQ RISELEKGQK  DNRPGDKFQL TFPLRTNYMY AKVKKSLPEM YAFTVCMWLK SSAAPGVGTP  FSYAVPGQAN ELVLI EWGNN PMEILINDKV AKLPFVINDG KWHHICVTWT  TRDGVWEAYQ DGTQGGNGEN L APYHPIKPQ GVLVLGQE QD  TLGGGFDATQ AFV GELAHFN IWDRKLTPGE VYNLATCSSK ALSGNVIAWA  ESQIEIFGGA TKWTFEACRQ IN</p>
<b>Source</b>	Yeast
<b>Target Names</b>	Nptx1
<b>Protein Names</b>	Recommended name: Neuronal pentraxin-1 Short name= NP1 Alternative name(s): 47 kDa taipoxin-binding protein Neuronal pentraxin I Short name= NP-I
<b>Expression Region</b>	23-432
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.