

32-9588: Recombinant Human Neuronal Pentraxin-1/NPTX1 (C-6His)

Alternative Name : Neuronal pentraxin-1; NPTX1; NP1

Description

Source : Human Cells;

Neuronal Pentraxin (NPTX1, NP1) is a secreted glycoprotein within the Pentraxin family. NPTX1 is co-expressed and forms heteromultimers with the related secreted protein, NPTX2/NARP, NPTXR (Neuronal Pentraxin Receptor) at excitatory synapses. Mature human NPTX1 shares 97% aa sequence identity with mouse, and rat NPTX1. It is produced by hippocampal, cerebral and cerebellar neurons, retinal ganglia and the inner nuclear layer of the retina. It is enriched on presynaptic axonal membranes where it forms complexes with NPTXR. It may be involved in mediating uptake of synaptic material during synapse remodeling or in mediating the synaptic clustering of AMPA glutamate receptors at a subset of excitatory synapses.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH7.4.

Amino Acid : Recombinant Human Neuronal Pentraxin-1 is produced by our Mammalian expression system and the target gene encoding Gln23-Asn432 is expressed with a 6His tag at the C-terminus.