

Recombinant Human NPTX2 Protein, DDK-tagged

Cat. No. NPTX2-211H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human NPTX2 fused with DDK tag at C-terminal was expressed in Sf9 cells.

Species Human

Source Sf9 Cells

Description This gene encodes a member of the family of neuronal petraxins, synaptic proteins that are related to C-reactive protein. This protein is involved in excitatory synapse formation. It also plays a role in clustering of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid (AMPA)-type glutamate receptors at established synapses, resulting in non-apoptotic cell death of dopaminergic nerve cells. Up-regulation of this gene in Parkinson disease (PD) tissues suggests that the protein may be involved in the pathology of PD.

Form 50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.

Molecular Mass 46.9 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	NPTX2 neuronal pentraxin II [Homo sapiens (human)]
Official Symbol	NPTX2
Synonyms	NPTX2; NP2; NARP; NP-II; neuronal pentraxin II; neuronal pentraxin-2; apexin; neuronal activity-regulated pentaxin
Gene ID	4885
mRNA Refseq	NM_002523
Protein Refseq	NP_002514
MIM	600750
UniProt ID	P47972

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