Recombinant Human NPTX2 Protein, His-tagged

Cat. No. NPTX2-399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPTX2(Asp111~Gln367) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp111~Gln367
Description	This gene encodes a member of the family of neuronal petraxins, synaptic proteins th at are related to C-reactive protein. This protein is involved in excitatory synapse form ation. 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 Par kinson disease (PD) tissues suggests that the protein may be involved in the patholog y of PD.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	32.6kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (determined by the LAL method)

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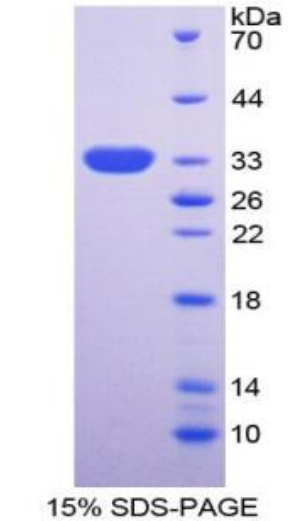
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

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

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UniProt ID	P47972



15% SDS-PAGE

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