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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NPTX2 (Human) Recombinant Protein (P01)

Catalog Number: H00004885-P01

Regulation Status: For research use only (RUO)

Product Description: Human NPTX2 full-length ORF (NP_002514.1, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLALLAASVALAVAAGAQDSPAPGSRFVCTALPPEAV
HAGCPLPAMPMQGGAQSPEEELRAAVLQLRETVVQQ
KETLGAQREAIRELTKGLARCEGLAGGKARGAGATGK
DTMGDLPRDPGHVVEQLSRSLQTLKDRLESLEHQLRA
NVSNAGLPGDFREVLQQRLGELERQLLRKVAELEDEK
SLLHNESAHRQKTESTLNALLQRVTELERGNSAFKSP
DAFKVSLPLRTNYLYGKIKKTLPELYAFTICLWLRSSAS
PGIGTPFSYAVPGQANEIVLIEWGNNPIELLINDKVAQL
PLFVSDGKWHHICVTWTTTRDGMWEAFQDGEKLGTE
NLAPWHPPIKPGGVLLIGQEQDTVGGRFDATQAFVDEL
SQFNIWDRVLRQAEIVNIANCSTNMPGNIIPWVDNNVD
VFGGASKWPVETCEERLLDL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 73.4

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4885

Gene Symbol: NPTX2

Gene Alias: NARP, NP-II, NP2

Gene Summary: 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-isoxazolepropionic 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. [provided by RefSeq]