

Recombinant Human NPTX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NPTX1-623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NPTX1 MS Standard C13 and N15-labeled recombinant protein (NP_002513) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	47.12 kDa
AA Sequence	MPAGRAARTCALLALCLLGAGAQDFGPTRFICTSVPVDADMCAASVAAGGAEELRS SVLQLRETVLQQKETILSQKETIRELTAKLGRCESQSTLDPGAGEARAGGGGRKQPGS GKNTMGDLRSRTPAAETLSQLGQTLQSLKTRLENLEQYSRLNSSSQTNLKDLLQSKI DELERQVLSRVNTLEEGKGGPRNDTEERVKIETALTSLHQRRISELEKGQKDNRP GDK FQLTFPLRTNYMYAKVKKSLPEMYAFTVCMWLKSSATPGVGTPFSYAVPGQANELV LIEWGNNPMEILINDKVAKLPFVINDGKWHHCVTWTRDGVWEAYQDGTQGGSGE NLAPYHPIKPQGVVLVGQEQLTGGGFDATQAFVGELAHFNIWDRKLTPEVYNLA TCSTKALSGNVIWAESHIEIYGGATKWTFEACRQINTRTRPLEQKLISEEDLAANDIL DYKDDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NPTX1 neuronal pentraxin I [Homo sapiens (human)]
Official Symbol	NPTX1
Synonyms	NPTX1; neuronal pentraxin I; neuronal pentraxin-1; NP-I; NP1; MGC105123; DKFZp686J2446;
Gene ID	4884
mRNA Refseq	NM_002522
Protein Refseq	NP_002513
MIM	602367
UniProt ID	Q15818