

Recombinant Human NP1 Protein

Catalog #	Source	Reactivity	Applications
CRP2781	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human NP1 Protein is produced by mammalian expression system and the target gene encoding Gln23-Asn432 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, PH7.4.

Gene Symbol NPTX1

Alternative Names Neuronal pentraxin-1; NP1; Neuronal pentraxin I; NP-I

Entrez Gene 4884 (Human)

SwissProt Q15818 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure QDFGPTRFIC TSVPVADAMC AASVAAGGAE ELRSSVLQLR ETVLQQKETI LSQKETIREL
 TAKLGRCESQ STLDPGAGEA RAGGGRKQPG SGKNTMGDLS RTPAAETLSQ LGQTLQSLKT
 RLENLEQYSR LNSSQTNSL KDLLQSKIDE LERQVLSRVN TLEEGKGGPR NDTEERVKIE
 TALTSLHQRI SELEKGQKDN RPKDKFQLTF PLRTNYMYAK VKKSLPEMYA FTVCMWLKSS
 ATPGVGTPFS YAVPGQANEL VLIEWGNNPM EILINDKVAK LPFVINDGKW HHICVTWTRR
 DGVWEAYQDG TQGGSGENLA PYHPIKPQGV LVLGQEQDTL GGGFDATQAF
 VGELAHFNIW DRKLTPEVY NLATCSTKAL SGNVIAWAES HIEIYGGATK WTFEACRQIN
 HHHHHH

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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