

32-7447: Recombinant Human Neuroplastin/NPTN (C-6His)(Discontinued)

Gene : NPTN
Gene ID : 27020
Uniprot ID : Q9Y639

Description

Source: Human Cells.
MW :22.69kD.

Recombinant Human Neuroplastin is produced by our Mammalian expression system and the target gene encoding Gln29-His220 is expressed with a 6His tag at the C-terminus. Neuroplastin is a 52-57 kDa member of the Ig-superfamily. Neuroplastin likely serves as a cell adhesion molecule, and is widely expressed in multiple tissues. Human Neuroplastin is 282 amino acids in length. Human Neuroplastin is a type I transmembrane glycoprotein that contains two Ig-like domains (aa 32-119 and 122-213) and a 38 aa cytoplasmic region (aa 245-282).

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QNEPRIVTSEEVIIRDSPVLPVTLQCNLTSSSHLTLYSYWTKNGVELSATRKNASNMEYRINKPRAE
DSGEYHCYVYHFVSAPKANATIEVKAAPDITGHRSENKNEGQDATMYCKSVGYPHPDWIWRKKEN
GMPMDIVNTSGRFFIINKENYTELNIVNLQITEDPGEYECNATNAIGSASVTVLRVRSHVDHHHHH
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Application Note

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 freeze-thaw cycles.

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