

## 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.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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 :** QNEPRIVTSEEVIIRDSPVLPVTLQCNLTSSSHHTLTYSYWTKNGVELSATRKNASNMEYRINKPRAEDSGEYHCV  
YHFVSAPKANATIEVKAAPDITGHRSENKNEGQDATMYCKSVGYPHPDWIWRKKENGMPMDIVNTSGRFFIIN  
KENYTELNIVNLQITEDPGEYECNATNAIGSASVTVLRVRSVDHHHHHH

### 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 ddH<sub>2</sub>O. 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.