

**32-8328: Recombinant Human Neuritin/NRN1 (N-6His)**

**Gene :** NRN1  
**Gene ID :** 51299  
**Uniprot ID :** Q9NPD7

**Description**

Source: E. coli.  
MW :12.1kD.

Recombinant Human Neuritin is produced by our E.coli expression system and the target gene encoding Ala28-Gly116 is expressed with a 6His tag at the N-terminus. Neuritin/NRN1 is a member of the neuritin family and can be expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. Neuritin/NRN1 promotes neurite outgrowth, arborization and neuritogenesis. The protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. Overexpression of the encoded protein may be associated with astrocytoma progression.

**Product Info**

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.  
**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 :** MGSSHHHHHSSGLVPRGSHMAGKCDVFKGFSDCLLKLGDSMANYPQGLDDKTNIKTVCITYWE  
DFHSCTVTALTDCQEGAKDMWDKLRKESKNLNIQGSFELCGSGNG

**Application Note**

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