



Recombinant Protein Technical Manual  
Recombinant Human Neurtin/NRN1 Protein (E. coli,  
His Tag)  
RPES1928

Product Data:

**Product SKU:** RPES1928

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q9NPD7

Protein Information:

**Molecular Mass:** 12.1 kDa

**AP Molecular Mass:** 10 kDa

**Tag:** N-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH 8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** dJ380B8.2;MGC44811;NRN

## Immunogen Information:

**Sequence:** Ala28-Gly116

## Background:

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.