

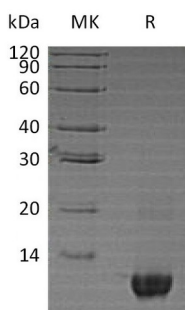
Product Name: Recombinant Human Neuritin (N-6His)
Catalog #: PEH1210



Summary

Name	Neuritin/NRN1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9NPD7
Host	E.coli
Species	Human
Predicted Molecular Mass	12.1 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Hepes-NaOH,10% Sucrose,8% Mannitol,0.05% Tween 80,pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. 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.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names

Neuritin;NRN1;NRN

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.

Note

For Research Use Only , Not for Diagnostic Use.