

Human NRN1 Recombinant Protein



RPPB0794

Product Information Protein Information

Product SKU:

RPPB0794

Accession:

Q9NPD7

Host:

Escherichia Coli.

Protein description:

Recombinant Human NRN1 produced in E.coli cells is a non-glycosylated, homodimeric protein containing 2x88 amino acid chains and having a molecular mass of 19.4kDa. The NRN1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Neuritin 1, NRN1, NRN, dJ380B8.2, Neuritin.

Formulation:

The NRN1 was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized NRN1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized NRN1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NRN1 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Amino Acid Sequence:

AGKCDVAFKG FSDCLLKLGD SMANYPQGLD DKTNIKTVCT YWEDFHSTV TALTDCQEGA KDMWDKLRKE SKNLNIQGSF FELCGSGN.

Biological Activity:

The ED50 as determined by a cell proliferation assay using rat C6 cells is less than 25ng/ml, corresponding to a specific activity of > 4.0 × 10⁴ IU/mg.