

NRN1 (Human) Recombinant Protein

Catalog # P8966

Size 2 x 10 ug

Specification

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|-----------------------------|--|
| Product Description | Human NRN1 (Q9NPD7, 28 a.a. - 116 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in <i>Escherichia coli</i> . |
| Sequence | MKHHHHHHASAGKCDVFKGFSDCLLKLGDSMANYPQGLDDKTNIKTVCTYWEDFHSCVTALTDCQEGAKDMWDKLRKESKNLNIQGSLFELCGSGNG. |
| Host | <i>Escherichia coli</i> |
| Theoretical MW (kDa) | 11 |
| Form | Lyophilized |
| Preparation Method | <i>Escherichia coli</i> expression system |
| Purity | > 95% by SDS PAGE |
| Storage Buffer | Lyophilized from 20mM Tris buffer, 50mM NaCl, pH 8.0, 1% (w/v) Sucrose and 4% (w/v) Mannitol. |
| Storage Instruction | Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. |

Applications

- SDS-PAGE

Gene Info — NRN1

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|---------------------------|--------------------------|
| Entrez GeneID | 51299 |
| Protein Accession# | Q9NPD7 |
| Gene Name | NRN1 |
| Gene Alias | MGC44811, NRN, dJ380B8.2 |

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| Gene Description | neuritin 1 |
| Omim ID | 607409 |
| Gene Ontology | Hyperlink |
| Gene Summary | <p>This gene is expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. The expression of this gene can be induced by neural activity and neurotrophins. The encoded protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. In vitro assays demonstrated that this protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis. [provided by RefSeq]</p> |
| Other Designations | OTTHUMP00000015989 neuritin |