

Bioactive

NRN1 (Human) Recombinant Protein

Catalog # P6366 Size 100 ug

Specification

Product Description	Human NRN1 (Q9NPD7) recombinant protein expressed in <i>E. Coli</i> .
Sequence	AGKCDAVFKGFSDCLLKLGDSMANYPQGLDDKTNIKTVCTYWEDFHSCVTALTDCQEGAKDM WDKLRKESKNLNIQGSLFELCGSGN
Host	Escherichia coli
Theoretical MW (kDa)	10
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by a cell proliferation using rat C6 cells. The ED ₅₀ for this effect is 20-30 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Functional Study

Gene Info — NRN1

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