

Product datasheet for BA471

Neuron specific enolase Human Protein

Product data:

Product Type:	Native Proteins
Description:	Neuron specific enolase human protein, 50 µg
Species:	Human
Protein Source:	Brain
Concentration:	lot specific
Purity:	>98% SDS PAGE: >95%. Ion Exchange chromatography and gel filtration.
Buffer:	State: Liquid Buffer System: 0.1 M TRIS/HCl, pH 5.1 with 5 mM MgSO ₄ , 0.25 M KCl
Bioactivity:	Biological: 90 µmol/min mg at 25°C determined in 45 mM Imidasole, pH 6.8, 45 mM KCl, 1.33 mM Mg ₂ SO ₄ : 1 mM 2-PG.
Preparation:	Liquid
Applications:	ELISA.
Protein Description:	Native human neuron specific enolase
Note:	Starting material was tested and found to be negative for HBsAg, HIV 1 and 2, and HCV.
Storage:	Aliquot and store at -20°C.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001966
Locus ID:	2026
Cytogenetics:	12p13.31
Synonyms:	HEL-S-279; NSE
Summary:	This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates. [provided by RefSeq, Jul 2008]
Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation



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