

**CATALOGUE #:** 8NS3

**PRODUCT NAME:** Neuron-specific enolase (NSE)

<b>Source:</b>	Post mortal human brain. Blood sample from the tissue donor was tested and found negative for HBsAg, HCV, HIV-1 and 2 antibodies, and syphilis.
<b>Analysis:</b>	Purity > 95 % (SDS-PAGE).
<b>Purification:</b>	Ion-exchange chromatography and gel-filtration.
<b>Activity:</b>	Specific activity is determined for each lot at 25 °C in 45 mM imidazole, pH 6.8, 45 mM KCl, 1.33 mM Mg <sub>2</sub> SO <sub>4</sub> ; 1 mM 2-PG. One unit is defined as the amount of NSE converted 1 mol of 2-phospho-D-glycerate per min at 25 °C (J.Biochem. 87, 1587-1594, 1980). Subunit composition is gamma-gamma.
<b>Immunological activity:</b>	Tested in ELISA and immunoblotting with anti-NSE antibodies.
<b>Presentation:</b>	0.1 M Tris-HCl, 5 mM MgSO <sub>4</sub> , 0.25 M KCl, pH 5.1
<b>Storage:</b>	-70 °C (-65 ... -80 °C allowed)
<b>Other information:</b>	Avoid repeated freezing and thawing.
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.