



## Highly Purified Neuron-Specific Enolase (NSE)

- PRODUCT CODE :** BF 3063
- SOURCE :** Human brain
- PRODUCT PRESENTATION :** Presented liquid in 0.1M Tris-HCl buffer containing 5 mM Mg<sub>2</sub>SO<sub>4</sub> and 0.25M KCl, pH 5.1
- SUBUNIT COMPOSITION :** Gamma-gamma.
- PURITY :** > 95% (SDS-PAGE)  
Purified by ion-exchange chromatography and gel filtration.  
Immunological identity confirmed by positive reaction in an ELISA with anti-NSE antibodies.
- PROTEIN CONCENTRATION :** As determined by spectrophotometry at 280nm using an extinction coefficient of 0.895
- SPECIFIC ENZYME ACTIVITY :** Measured in U/mg protein.  
One enzyme unit (U) is defined as the amount of enzyme that converts one micromole of 2-phosphoglyceric acid to phosphoenolpyruvate per minute at 25°C (ref: J. Biochem, 87, 1587-1594, 1980). Enzyme activity is determined 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.
- HBsAg STATUS :** A blood sample from the tissue donor was tested negative.
- ANTI-HIV-1/2 STATUS :** A blood sample from the tissue donor was tested negative.
- ANTI-HEPATITIS C STATUS :** A blood sample from the tissue donor was tested negative.
- STORAGE :** -20°C  
Avoid repeated freeze-thaw cycles.

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