Recombinant Human NSEH

Cat. No. NSEH-68H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Enolase, Neuron Specific, fused with C terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The glycolytic enzyme enolase (2-phosph-D-glycerate hydrolyase) exists as several dimeric isoenzymes (aa, ab, ag and gg) composed of three distinct subunits, a, b, and g. Three isoenzymes are found in rat brain: aa, ag and gg. The ag and gg-enolase isoenzymes are also known as neuron--specific enolase (NSE) as these isoenzymes initially were detected in neurons and neuronendocrine cells. The NSE levels are low in health and benign subjects. Elevated levels are commonly found in patients with malignant tumors with neuronendocrine differentiation, especially small cell lung cancer and neuroblasloma. NSE are reported to be useful diagnostic marker for lung cancer, neuroblastoma, melanoma, seminoma and in injury of central nervous system.
Form	The protein solution is in 0.05M phosphate buffer containing 0.15M NaCl and 0.09% NaN3 pH 7.5. Filtered through a 0.4μM membrane.
Molecular Mass	48.8kDa
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.

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Purity	>95 % as determined by SDS-PAGE
Applications	Western blotting, ELISA
Storage	Store it under sterile conditions at -20℃ to -119℃ upon receiving.Recommend to aliquot the protein into smaller quantities for optimal storage.

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