

3050 Spruce Street, Saint Louis, MO 63103, USA

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Product Name:

Nitric Oxide Synthase, Neuronal from rat $\geq 95\%$, recombinant, expressed in Sf9 cells, buffered aqueous solution

Product Number:

N3033

MDL:

MFCD00213013

TEST	Specification
Protein	Conforms
> or = 95% protein by Bradford	
units/mg protein	≥ 200
Enzymatic activity	
One unit will produce 1.0 nanomole of nitric oxide per minute at 37 deg C in 50 mM HEPES, pH 7.4, containing 5 micromolar oxyhemoglobin, 1 mM CaCl ₂ , 0.1 mM NADPH, 0.02 mg/mL calmodulin, 50 micromolar arginine, 12 micromolar tetrahydrobiopterin and 170 micromolar DTT.	

Remarks:

Specification Date : 01/14/2011

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.