Recombinant Mouse Nosip Protein, Myc/DDK-tagged

Cat. No. Nosip-4463M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nitric oxide synthase interacting protein (Nosip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase that is essential for proper development of the forebrain, the eye and the face. Catalyzes monoubiquitination of serine/threonine-protein phosphatase 2A (PP2A) catalytic subunit PPP2CA/PPP2CB. Negatively regulates nitric oxide production by inducing NOS1 and NOS3 translocation to actin cytoskeleton and inhibiting their enzymatic activity.
Molecular Mass	33.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nosip nitric oxide synthase interacting protein [Mus musculus (house mouse)]
Official Symbol	Nosip
Synonyms	NOSIP; nitric oxide synthase interacting protein; nitric oxide synthase-interacting protein; CGI-25; 2310061K06Rik; MGC115777
Gene ID	66394
mRNA Refseq	NM_025533
Protein Refseq	NP_079809
UniProt ID	Q9D6T0

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