

Recombinant Human NOSIP 293 Cell Lysate

Cat. No. NOSIP-3758HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nitric oxide synthase interacting protein (NOSIP) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

NOSIP nitric oxide synthase interacting protein [Homo sapiens]

Official Symbol

NOSIP

Synonyms

NOSIP; nitric oxide synthase interacting protein; nitric oxide synthase-interacting protein; CGI 25; eNOS interacting protein; eNOS-interacting protein; CGI-25;

Gene ID

51070

mRNA Refseq

NM_015953

Protein Refseq

NP_057037

UniProt ID

Q9Y314

Chromosome Location

19q13.3

Pathway

Metabolism, organism-specific biosystem; Metabolism of nitric oxide, organism-specific biosystem; NOSIP mediated eNOS trafficking, organism-specific biosystem; eNOS activation and regulation, organism-specific biosystem;

Function

protein binding;

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