

Recombinant Mouse Noxo1 Protein, Myc/DDK-tagged

Cat. No. Noxo1-4468M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADPH oxidase organizer 1 (Noxo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Constitutively potentiates the superoxide-generating activity of NOX1 and NOX3 and is required for the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity. Isoform 3 is more potent than isoform 1 in activating NOX3. Together with NOXA1, may also substitute to NCF1/p47phox and NCF2/p67phox in supporting the phagocyte NOX2/gp91phox superoxide-generating activity.
Molecular Mass	38.8 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Noxo1 NADPH oxidase organizer 1 [Mus musculus (house mouse)]

Official Symbol Noxo1

Synonyms NOXO1; NADPH oxidase organizer 1; nox organizer 1; sorting nexin-28; hslt; Snx28; P41NOX; P41NOXA; P41NOXB; P41NOXC; 2310034C04Rik

Gene ID 71893

mRNA Refseq NM_027988

Protein Refseq NP_082264

UniProt ID Q8VCM2

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