

Recombinant Human NOXO1 Protein, GST-tagged

Cat. No. NOXO1-6011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOXO1 partial ORF (AAH15917, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	NADPH oxidases (NOXs) catalyze the transfer of electrons from NADPH to molecular oxygen to generate reactive oxygen species (ROS). NOX organizers, such as NOXO1, target NOX activators (see NOXA1; MIM 611255) to NOX and also target NOX to different subcellular compartments (Opitz et al., 2007 [PubMed 17189823]).[supplied by OMIM
Molecular Mass	36.74 kDa
AA Sequence	MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSDGSDTFVRRSWDEFRQLKTLKETFP VEAGLLRRSDRVLPKLLDAPLLGRVGRGTSRGLARLQLLETYSRR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [NOXO1 NADPH oxidase organizer 1 \[Homo sapiens \]](#)

Official Symbol [NOXO1](#)

Synonyms NOXO1; NADPH oxidase organizer 1; P41NOXA; P41NOXB; P41NOXC; SH3PXD5; SNX28; Nox organizer 1; nox-organizing protein 1; regulatory protein P41NOX; NADPH oxidase regulatory protein; SH3 and PX domain-containing protein 5; P41NOX; MGC20258;

Gene ID [124056](#)

mRNA Refseq [NM_144603](#)

Protein Refseq [NP_653204](#)

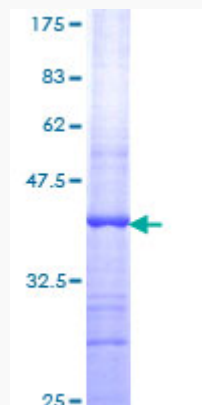
MIM [611256](#)

UniProt ID [Q8NFA2](#)

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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