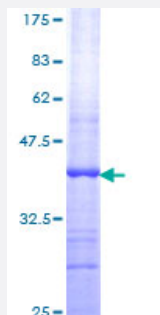


NOXO1 (Human) Recombinant Protein (Q01)

Catalog # H00124056-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NOXO1 partial ORF (AAH15917, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSDGSDTFVRRSWDEFRLKTLKETFPVEAGLLRR SDRVLPKLLDAPLLGRVGRTSRGLARLQLEYSRR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (68); Rat (72)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NOXO1

Entrez GeneID	124056
GeneBank Accession#	BC015917
Protein Accession#	AAH15917
Gene Name	NOXO1
Gene Alias	MGC20258, P41NOX, P41NOXA, P41NOXB, P41NOXC, SH3PXD5, SNX28
Gene Description	NADPH oxidase organizer 1
Omim ID	611256
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	Nox organizer 1 regulatory protein P41NOX