Recombinant Full Length Human NOX5 Protein, GST-tagged

Cat. No. NOX5-6723HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOX5 full-length ORF (BAG37241.1, 1 a.a. - 747 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	747 amino acids
Description	NOX5 is a novel NADPH oxidase that generates superoxide and functions as a H+ channel in a Ca(2+)-dependent manner.[supplied by OMIM
Molecular Mass	108.57 kDa
AA Sequence	MSAEEDARWLRWVTQQFKTIAGEDGEISLQEFKAALHVKESFFAERFFALFDSDRS GTITLQELQEALTLLIHGSPMDKLKFLFQVYDIDVCARQGASAGTEWGAGAGPHWA SSPLGTGSGSIDPDELRTVLQSCLRESAISLPDEKLDQLTLALFESADADGNGAITFE ELRDELQRFPGVMENLTISAAHWLTAPAPRPRPRRPRQLTRAYWHNHRSQLFCLAT YAGLHVLLFGLAASAHRDLGASVMVAKGCGQCLNFDCSFIAVLMLRRCLTWLRATW LAQVLPLDQNIQFHQLMGYVVVGLSLVHTVAHTVNFVLQAQAEASPFQFWELLLTTR PGIGWVHGSASPTGVALPLLLLFMFICSSSCIRRSGHFEVFYWTHLSYLLVWLLLIFH GPNFWKWLLVPGILFFLEKAIGLAVSRMAAVCIMEVNLLPSKVTHLLIKRPPFFHYRP GDYLYLNIPTIARYEWHPFTISSAPEQKDTIWLHIRSQGGQWTNRLYESFKASDPLGR GSKRLSRSVTMRKSQRSSKGSEILLEKHKFCNIKCYIDGPYGTPTRRIFASEHAVLIG AGIGITPFASILQSIMYRHQKRKHTCPSCQHSWIEGVQDNMKLHKVDFIWINRDQRS

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	FEWFVSLLTKLEMDQAEEAQYGRFLELHMYMTSALGKNDMKAIGLQMALDLLANKE KKDSITGLQTRTQPGRPDWSKVFQKVAAEKKGKVQVFFCGSPALAKVLKGHCEKFG FRFFQENF
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.
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	NOX5 NADPH oxidase, EF-hand calcium binding domain 5 [Homo sapiens]
Official Symbol	NOX5
Synonyms	NOX5; NADPH oxidase, EF-hand calcium binding domain 5; NADPH oxidase 5; NOX5A; NOX5B; MGC149776; MGC149777;
Gene ID	79400
mRNA Refseq	NM_001184779
Protein Refseq	NP_001171708
MIM	606572

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UniProt ID	Q96PH1

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