

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
Protein Length	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 SSPLGTGSGSIDPDELRTVLQSCRESAISLPDEKLDQLTLALFESADADGNGAITFE ELRDELQRFPGVMENLTISAAHWLTAPAPRPRRRPRQLTRAYWHNHRSQFLCLAT YAGLHVLLFGLAASAHRLGASVMVAKGCGQCLNFDCSFI AVLMLRRC LTWLRATW LAQVLPLDQNIQFHQLMGYVVVGLSLVHTVAHTVNFVLQAQAEASPFQFWELLTTR PGIGWVHGSASPTGVALPLLLLFMFICSSSCIRRS GHFEV FYWTHLSYLLWLLLIFH GPNFWKWLLVPGILFFLEKAIGLAVSRMAAVCIMEVNLLPSKVTHLLIKRPPFFHYRP GDYLYLNIPTIARYEWHPF TISSAPEQKDTIWLHIRSQGQWTRNRLYESFKASDPLGR 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

FEWVSVLLTKLEMDQAEEAQYGRFLELHMYMTSALGKNDMKAIGLQMALDLLANKE
KKDSITGLQTRTQPGRPDWSKVVFQKVAAEKKGKVQVFFCGSPALAKVLKGHCCKFG
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

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