

Recombinant Full Length Pongo Abelii Nadph Oxidase 4(Nox4) Protein, His-Tagged

Cat. No. RFL35916PF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Pongo abelii NADPH oxidase 4(NOX4) Protein (Q5R5C5) (1-578aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Pongo Abelii

Source

E.coli

ProteinLength

Full Length (1-578aa)

Form

Lyophilized powder

AA Sequence

MAVSWRSWLANEGVKHLCLFIWLSMNVLLFWKTFLLYNQGPEYHYLHQMGLGLGLC
 LSRASASVLNLCNCSLILLPMCRLLAYLRGSQKVPSRRTRRLDKSRTFHITCGVTICI
 FSGVHVA AHLVNALNFSVNYSEDFVELNAARYRDEDPRKLLFTTVPGLTGVCMVVV
 LFLMITASTYAIRVSNYDIFWYTHNLFFVFYMLLTLHVSGLLKYQTNLDTHPPGCISL
 NRTSSQNISLPEYFSEHFHEPFPEGFSGKPEEFTQNTFVKICMEEPRFQANFPQTLW
 WISGPLCLYCAERLYRYIRSNKPVTIISVISHPSDVMEIRMVKENFKARPGQYITLHCP
 SVSALENHPFTLTMCPTEKATFGVHLKIVGDWTERFRDLLLPPSSQDSEILPFIQSR
 NYPKLYIDGPFPGSPFEESLNYEVS LCVAGGIGVTPFASILNTLLDDWKPYKLRRLYFI
 WVCRDIQSFRWFADLLCMLHNKFWQENRPDYVNIQLYLSQTDGIQKIIGEKYHALNS
 RLFIGRPRWKLLFDEIAKYNRGKTVGVFCCGPNSLSKTLHKLNSQINSYGTRFEYNK
 ESFS Note: The complete sequence including tag sequence, target protein sequence
 and linker sequence could be provided upon request.

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	NOX4
Synonyms	NOX4; NADPH oxidase 4
UniProt ID	Q5R5C5

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