

Recombinant Human NOX1 Full Length Transmembrane protein, His-tagged

Cat. No. NOX1-1329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOX1 protein(Q9Y5S8)(1-564aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-564aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	67.7 kDa
AA Sequence	MGNWVNVNHWFSVLFLVWVWGLNVFLFVDAFLKYEKADKYYYTRKILGSTLACARAS ALCLNFNSTLILLPVCNRNLLSFLRGTCSCSRTLRKQLDHNLTFFHKL VAYMICLHTAIHI IAHLFNFDCCYSRQRATDGLASILSSLSHDEKKGGSWLNPIQSRNTTVEYVTFTSIA GLTGVMITIALILMVTSAFIRRSYFEVFWYTHHLFIFYILGLGIHGIGGIVRGQTEESM NESHPRKCAESFEMWDDRDSDHCRPKFEGHPPESWKWILAPVILYICERILRFYRS QQKVITKVVMPHPSKVLELQMNKRGFSMEVGQYIFVNCPSISLLEWHPFTLTSAPEE DFFSIHIRAAGDWTENLIRAFEQQYSPIPRIEVDGPFGTASEDFVQYEVAVLVGAGIG VTPFASILKSIWYKFQCADHNLKTKKIYFYWICRETGAFSWFNNLLTSLEQEMEELGK

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VGFLNYRLFLTGWDSNIVGHAALNFDKATDIVTGLKQKTSFGRPMWDNEFSTIATSH
PKSVVGVFLCGPRTLAKSLRKCCCHRYSSLDPKVKVQFYFNKENF

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name NOX1 NADPH oxidase 1 [Homo sapiens]

Official Symbol NOX1

Synonyms NOX1; NADPH oxidase 1; GP91 2; mitogenic oxidase (pyridine nucleotide dependent superoxide generating); MOX1; NADPH oxidase 1 variant NOH 1L; NADPH oxidase homolog 1; NOH 1; NOH1; MOX-1; NOX-1; mitogenic oxidase 1; NADPH oxidase homolog-1; NADPH oxidase 1 variant NOH-1L; NADH/NADPH mitogenic oxidase subunit P65-MOX; mitogenic oxidase (pyridine nucleotide-dependent superoxide-generating); NOH-1; GP91-2;

Gene ID 27035

mRNA Refseq NM_007052

Protein Refseq NP_008983

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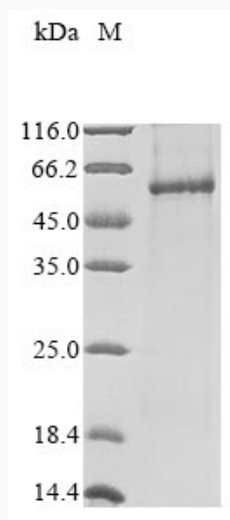
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MIM 300225

UniProt ID Q9Y5S8

SDS-PAGE



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