
Recombinant Human NOX1 Protein, N-His

Catalog Number: bs-105477P

Species: Human

AA Seq: 418-564/564

Predicted MW: 19.48 kDa

Tags: N-His

Activity: Not tested

Purity: >90% as determined by SDS-PAGE.

Purification: AC

Form: Lyophilized

Storage: Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

Background: The NOX family NADPH protein oxidases are involved in transfer of electrons accross membranes to generate reactive oxygen species. There are 7 family members - NOX1-5, DUOX1 and DUOX2. Expression of NOX1 is highest in colon tissue; it is also found in vascular tissue and can also been induced by a variety of factors including PDGF. It requires interaction with NOXO1 and NOXA1 for superoxide generation.