

Recombinant Full Length *Podospora Anserina* Alternative Oxidase, Mitochondrial(Aox1) Protein, His-Tagged

Cat. No. RFL17048PF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Podospora anserina</i> Alternative oxidase, mitochondrial(AOX1) Protein (Q9C206) (67-363aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Podospora anserina</i> (<i>Pleuraea anserina</i>)
Source	<i>E. coli</i>
Protein Length	Full Length of Mature Protein (67-363)
Form	Lyophilized powder
AA Sequence	LKDFFPVKETAYIRKTPPAWPHHGYTEEEMLAVVPQHRKPGSLSDWLAWKLVRLCR WGTD IATGIKPEQQVDKSNPTTAVAAQKPLTEAQWLVRFIFLESIAGVPGMVAGML RHLESLRR LKRDNGWIETLLEESYNERMHLLTFMKMCEPGWFMKTMILGAQGVFF NAMFLSYLISPRI THRFVGYLEEEAVHTYTRCIREIEQGDLPKWSDPNFQIPDLAVTY WKMPEGKRTMRDLIL YIRADEAVHRGVNHTLSNLNHKEDPNPFVSDYKCDADHQR PNPALKPTGFERSEVIG
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 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

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	AOX1
------------------	------

Synonyms	AOX1; AOX; Alternative oxidase, mitochondrial
-----------------	---

UniProt ID	Q9C206
-------------------	------------------------

 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