

# Recombinant Full Length *Saccharomyces Cerevisiae* Mitochondrial Inner Membrane Protein Oxa1(Oxa1) Protein, His-Tagged

**Cat. No.** RFL12629SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
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| <b>Product Overview</b> | Recombinant Full Length <i>Saccharomyces cerevisiae</i> Mitochondrial inner membrane protein OXA1(OXA1) Protein (P39952) (43-402aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .  |
| <b>Species</b>          | <i>S.cerevisiae</i>  |
| <b>Source</b>           | <i>E.coli</i>  |
| <b>ProteinLength</b>    | Full Length of Mature Protein (43-402)   |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | NSTGPNANDVSEIQTQLPSIDELTSSAPLSASTSDLIANTTQTVGELSSHIGYLN<br>SIG L AQTWYWPSDIIQHVLEAVHVYSGLPWWGTIAATTILIRCLMFLYVKSSD<br>TVARNS HIKP ELDALNNKLMSTTDLQQGQLVAMQRKLLSSHGIKRWLAAPMLQ<br>IPIALGFF NALRHMA NYPVDGFANQGVAVFTDLTQADPYLGLQVITA<br>AAVFISFTRLGGETGAQQ FSSPMKRLFTI LPIISIPATMNLSSAVVLYFAFNGAF<br>SVLQTMILRNKWVRSKLKITEVA KPRTP<br>IAGASP TENMGIFQSLKHNIQKARDQAERRQLMQDNEK<br>KLQESFKEKRQNS KIKIVHKS<br>NFINNKK |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |
| <b>Applications</b>     | SDS-PAGE   |

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| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0   |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | OXA1  |
| <b>Synonyms</b>         | OXA1; PET1402; YER154W; Mitochondrial inner membrane protein OXA1; Cytochrome oxidase biogenesis protein OXA1; Oxidase assembly protein 1   |
| <b>UniProt ID</b>       | <a href="#">P39952</a>  |

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