



# Recombinant *Loxodonta africana* Cytochrome c oxidase subunit 3 (MT-CO3)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-CF646261LJC  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | Q2I3F5   |
| <b>Product Type</b>      | Transmembrane Protein  |
| <b>Immunogen Species</b> | <i>Loxodonta africana</i> (African elephant)   |
| <b>Sequence</b>          | MTHQTHAYHMVDPSPWPLTGALSALLMTSGLTMWFHYHSVTL LLLGLTTNILT<br>MFQWWRD<br>VVREGTFQGHHTPVVQESLRYGMILFITSEVLFFTGFFWAFYHSSLAPTPELGS<br>YWPPVG<br>VYPLNPLEVPLLNTSVLLASGVTITWAHHSLSMEGNRKNMLQALLITILG VYFTL<br>LQMF E<br>YYEASFTISDGIYGSTFFVTTGFHGLHVIIGSTFLLTCFIRQLKFHFTSNHHFGFE<br>AAAW YWHFVDVVWFLYLSIYWWGS |
| <b>Source</b>            | in vitro <i>E.coli</i> expression system   |
| <b>Target Names</b>      | MT-CO3   |
| <b>Protein Names</b>     | Recommended name: Cytochrome c oxidase subunit 3 Alternative name(s):<br>Cytochrome c oxidase polypeptide III  |
| <b>Expression Region</b> | 1-261  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                   |