



Recombinant *Saccharomyces cerevisiae* Acyl-CoA desaturase 1 (OLE1)

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| Product Code | CSB-CF325020SVG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P21147 |
| Product Type | Transmembrane Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Sequence | <p>MPTSGTTIELIDDQFPKDDSSASSGIVDEVDLTEANILATGLNKKAPRIVNGFGSL MGSKE MVSVEFDKKGNEKKSNLDRLLEKDNQEKEEAKTKIHISEQPWTLNNWHQHLN WLNMLVC GMPMIGWYFALSGKVPLHLNVFLFSVFYYAVGGVSITAGYHRLWSHRSYSAH WPLRLFYA IFGCASVEGSAKWWGSHRIHHRYTDLRDPYDARRGLWYSHMGWMLLKPN PKYKARADI TDMTDDWTIRFQHRHYILLMLLTAFVIPTLICGYFFNDYMGGLIYAGFIRVFVIQQ ATFC INSLAHYIGTQPFDDRRTPRDNWITAIVTFGEGYHNFHHEFPTDYRNAIKWYQY DPTKVI IYLTSLVGLAYDLKKFSQNAIEEALIQQEQQKINKKKKAKINWGPVLTDLPMWDK QTFLAK SKENKGLVIISGIVHDVSGYISEHPGGETLIKTALGKDATKAFSGGVYRHSNAA QNVLAD MRVAVIKESKNSAIRMASKRGEIYETGKFF</p> |
| Source | in vitro E.coli expression system |
| Target Names | OLE1 |
| Protein Names | Recommended name: Acyl-CoA desaturase 1 EC= 1.14.19.1 Alternative name(s): Fatty acid desaturase 1 Stearoyl-CoA desaturase 1 |
| Expression Region | 1-510 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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. |