



# Recombinant Mouse Squalene monooxygenase (Sqle)

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| <b>Product Code</b>      | CSB-CF022645MO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Uniprot No.</b>       | P52019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Transmembrane Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen Species</b> | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Sequence</b>          | <p>MWTF LGIATFTYFYKKCGDVT LANKELL LCVLVFLSLGLVLSYRCRHRHGGLLG<br/> RHQSGA<br/> QFAAFSDILSALPLIGFFWAKSPESEKKEQLESKKCRKEIGLSETTLTGAATSVS<br/> TSFVT<br/> DPEVIIVGSGVLGSALAAVLSRDGRKVTVIERDLKEPDRIVGELLQPGGYRVLQ<br/> ELGLGD<br/> TVEGLNAHHIHGYIVHDYESRSEVQIPYPLSETNQVQSGIAFHGHGRFIMSLRKA<br/> AMAEPN<br/> VKFIEGVVLQ LLEEDDAVIGVQYKDKETGDTKELHAPLTVVADGLFSKFRKSLIS<br/> SKVSV<br/> SSHFGVFLMKDAPQFKPNFAELVLVNPSPVLIYQISSSETRVLVDIRGELPRNL<br/> REYMAE<br/> QIYPQLPEHLKESFLEASQNGRLRTMPASFLPPSSVNKRGVLILGDAYNLRHPL<br/> TGGGMT<br/> VALKDIKLWRQLLKDIPDLYDDAAIFQAKKSFFWSRKRTHSFVVNVLAQALYEL<br/> FSATDD<br/> SLHQLRKACFLYFKLGGEVCTGPVGLLSILSPHPLVLIRHFFSVAIYATYFCFKS<br/> EPWAT KPRALFSSGAVLYKACSILFPLIYSEMKYLVH</p> |
| <b>Source</b>            | in vitro E.coli expression system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | Sqle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Names</b>     | Recommended name: Squalene monooxygenase EC= 1.14.13.132 Alternative name(s): Squalene epoxidase Short name= SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Expression Region</b> | 1-572                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>        | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                   |