

## Recombinant Mouse Scd2, His-tagged

**Cat. No.** Scd2-3128M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Acyl-CoA desaturase 2 (Scd2)                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 358                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                              |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>            | Small volumes of Scd2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                      |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                   |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Scd2 stearoyl-Coenzyme A desaturase 2 [ <i>Mus musculus</i> ]                                                                                                                                                                                  |
| <b>Official Symbol</b>     | Scd2                                                                                                                                                                                                                                           |
| <b>Synonyms</b>            | Scd2; swty; Scd-2; acyl-CoA desaturase 2; delta-9 desaturase 2; delta(9)-desaturase 2; fatty acid desaturase 2; stearoyl-CoA desaturase 2; Acyl-CoA desaturase 2 (Stearoyl-CoA desaturase 2) (Fatty acid desaturase 2) (Delta(9)-desaturase 2) |
| <b>Gene ID</b>             | 20250                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>         | NM_009128                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_033154                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>          | P13011                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 19 C3; 19 37.98 cM                                                                                                                                                                                                                             |
| <b>Pathway</b>             | Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem                                                                                                             |
| <b>Function</b>            | iron ion binding; oxidoreductase activity                                                                                                                                                                                                      |

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