



Recombinant Pig Acyl-CoA desaturase (SCD)

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| Product Code | CSB-CF020802PI |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O02858 |
| Product Type | Transmembrane Protein |
| Immunogen Species | Sus scrofa (Pig) |
| Sequence | SSYTTTTTITAPSSRVLQNGGGKSEKTPQYVEEDIRPEMKDDIYDPTYQDKEG PQGKLEY VWRNIILMSLLHLGALYGIIPIPTCKIYTLWAFAYYLLSAVGVTAGAHRLWSHRT YKAR LPLRVFLIIANTMAFQNDVYEWARHRAHHKFSETDADPHNSRRGFFFSHVG WLLVRKHP AVKEKGLLNMSDLKAEKLVMFQRRYYKPGILLMCFILPTIVPWYCWGEAFPQ SLFVATF LRYAIVLNATWLVNSAAHLYGYRKYDKTISPRENILVSLGAVGEGFHNYHHTFP YDYSAS EYRWHINLTTFFIDCMAALGLAYDRKKVSKAAIL |
| Source | in vitro E.coli expression system |
| Target Names | SCD |
| Protein Names | Recommended name: Acyl-CoA desaturase EC= 1.14.19.1 Alternative name(s): Delta(9)-desaturase Short name= Delta-9 desaturase Fatty acid desaturase Stearoyl-CoA desaturase |
| Expression Region | 1-334 |
| 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. |