

Recombinant Human SCD5 protein, GST-tagged

Cat. No. SCD5-301239H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human SCD5 (1-52 aa) protein, fused to GST tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1-Leu52 |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| AA Sequence | MPGPATDAGKIPFCDAKEEIRAGLESSEGGGGPERPGARGQRQNIVWRNVVL |
| Purity | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Stability | Store for up to 12 months at -20°C to -80°C as lyophilized powder. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name SCD5 stearoyl-CoA desaturase 5 [Homo sapiens]

Official Symbol SCD5

Synonyms SCD2; SCD4; ACOD4; FADS4; HSCD5

Gene ID 79966

mRNA Refseq NM_024906.2

Protein Refseq NP_079182.2

MIM 608370

UniProt ID Q86SK9

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