

Recombinant Human FADS3 protein, GST-tagged

Cat. No. FADS3-1807H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FADS3 protein(1-130 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-130 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MGGVGEPGPREGPAQPGAPLPTFCWEQIRAHDPGDKWLVIERRVYDISRWAQR HPGGSRLIGHHGAEDATDAFRAFHQDLNFVRKFLQPLLIGELAPEEPSQDGPLNAQL VEDFRALHQAEDMKLFDA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal

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volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [FADS3 fatty acid desaturase 3 \[Homo sapiens \]](#)

Official Symbol [FADS3](#)

Synonyms FADS3; fatty acid desaturase 3; LLCDL3; CYB5RP; delta 9 desaturase; delta-9-desaturase; cytochrome b5-related protein; delta-9 fatty acid desaturase; linoleoyl-CoA desaturase (delta-9-desaturase)-like 3;

Gene ID [3995](#)

mRNA Refseq [NM_021727](#)

Protein Refseq [NP_068373](#)

MIM [606150](#)

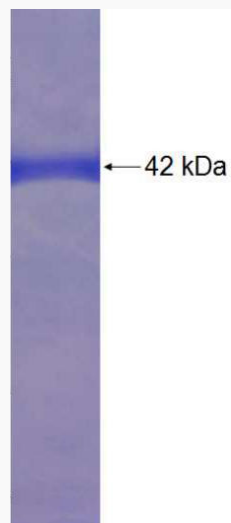
UniProt ID [Q9Y5Q0](#)

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SDS-PAGE

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