

Recombinant Full Length Human Fatty Acid Desaturase 2(Fads2) Protein, His-Tagged

Cat. No. RFL18199HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Fatty acid desaturase 2(FADS2) Protein (O95864) (1-444aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-444)
Form	Lyophilized powder
AA Sequence	MGKGGNQGEAAEREVSVP TFSWEEIQKHNLRTDRWLVIDRKVYNITKWSIQHPG GQRVIGHYAGEDATDAFRAHPDLEFVGKFLKPLLIGELAPEEPSQDHGKNSKITED FRALRKTAEDMNLFKTNHVFFLLLLAHIIALESIAWFTVFYFGNGWIPTLITAFVLATSQ AQAGWLQHDYGHLSVYRKPKWNHLVHKFVIGHLKGASANWWNHRHFQHHAKPNI FHKDPDVNMLHVFVLGEWQPIEYGKKKLKYL PYNHQHEYFFLIGPPLLIPMYFQYQII MTMIVHKNWVDLAWAVSYYIRFFITYIPFYGILGALLFLNFIRFLESHWFVWVTQMNHI VMEIDQEAYRDWFSSQLTATCNVEQSFFNDWFSGHLNFQIEHHLFPTMPRHNHLKI APLVKSLCAKHGIEYQEKPLL RALLDIIRSLKKSGKLWL DAYLHK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	FADS2
Synonyms	D6D; Delta(6) desaturase; Delta(6) fatty acid desaturase; Delta-6 desaturase; DES 6; DES6; FADS 2; FADS2; FADS2_HUMAN; FADSD 6; FADSD6; Fatty acid desaturase 2; linoleoyl-CoA desaturase (delta-6-desaturase) like 2; LLCDL 2; LLCDL2; SLL0262; TU 13; TU13
UniProt ID	O95864