Recombinant Human FADS2 protein, His-SUMO-tagged

Cat. No. FADS2-2882H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FADS2 protein(O95864)(1-131aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-131aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	30.9 kDa
AA Sequence	MGKGGNQGEGAAEREVSVPTFSWEEIQKHNLRTDRWLVIDRKVYNITKWSIQHPG GQRVIGHYAGEDATDAFRAFHPDLEFVGKFLKPLLIGELAPEEPSQDHGKNSKITED FRALRKTAEDMNLFKTNHV
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	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%.

GENE INFORMATION

Gene Name	FADS2 fatty acid desaturase 2 [Homo sapiens]
Official Symbol	FADS2
Synonyms	FADS2; fatty acid desaturase 2; LLCDL2; D6D; delta 6 desaturase; DES6; FADSD6; SLL0262; TU13; delta-6 desaturase; delta-6-desaturase; delta(6) desaturase; delta-6 fatty acid desaturase; delta(6) fatty acid desaturase; linoleoyl-CoA desaturase (delta-6-desaturase)-like 2;
Gene ID	9415
mRNA Refseq	NM_004265
Protein Refseq	NP_004256
MIM	606149
UniProt ID	O95864

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