

Fatty acid desaturase 1 (FADS1) Recombinant Protein | FADS1 recombinant protein

Recombinant Human Fatty acid desaturase 1 (FADS1)

CATALOG # AAA115992	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Fatty acid desaturase 1 (FADS1); Recombinant Human Fatty acid desaturase 1 (FADS1); Recombinant Fatty acid desaturase 1 (FADS1); Fatty acid desaturase 1 EC= 1.14.19.-; Delta(5) fatty acid desaturase; D5D; Delta(5) desaturase; Delta-5 desaturase; FADS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-121, Provide the complete intracellular domain at the N-terminal.
Sequence	MAPDPVAAET AAQGTPRYF TWDEVAQRSG CEERWLVIDR KVVNISEFTR RHPGGSRVIS HYAGQDATDP FVAFHINKGL VKKYMNSLLI GELSPEQPSF EPTKNKELTD EFRELRAIVE R
Sequence Length	121
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	214831730
NCBI GeneID	3992
NCBI Accession #	NP_037534.3
NCBI GenBank Nucleotide #	NM_013402.4
UniProt Accession #	O60427 ; Q53GM5 ; Q8N3A6 ; Q8NCC7 ; Q8NCG0 ; Q96I39 ; Q96SV3 ; Q96T10 ; Q9NRP8 ; Q9NYX1 ; B2RAI0
Molecular Weight	51,964 Da
NCBI Official Full Name	fatty acid desaturase 1
NCBI Official Synonym Full Names	fatty acid desaturase 1
NCBI Official Symbol	FADS1
NCBI Official Synonym Symbols	D5D; TU12; FADS6; FADSD5; LLCDL1
NCBI Protein Information	fatty acid desaturase 1; delta-5 desaturase; delta(5) desaturase; delta-5 fatty acid desaturase; delta(5) fatty acid desaturase; linoleoyl-CoA desaturase (delta-6-desaturase)-like 1
UniProt Protein Name	Fatty acid desaturase 1
UniProt Gene Name	FADS1
UniProt Synonym Gene Names	FADSD5; D5D; Delta(5) desaturase
UniProt Entry Name	FADS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/fads1-recombinant-protein-e-coli/115992>