

Fatty acid synthase (FASN) Recombinant Protein | FASN recombinant protein

Recombinant Human Fatty acid synthase (FASN) , partial

CATALOG # AAA113996	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Fatty acid synthase (FASN); Recombinant Human Fatty acid synthase (FASN); partial; FASN 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	2155-2495aa; Partial
Sequence	DSLMSVEVRQ TLERELNLVL SVREVRQLTL RKLQELSSKA DEASELACPT PKEDGLAQQQ TQLNLRSLLV NPEGPTLMRL NSVQSSERPL FLVHPIEGST TVFHSLASRL SIPTYGLQCT RAAPLDSIHS LAAYIDCIR QVQPEGPYRV AGYSYGACVA FEMCSQLQAQ QSPAPTHNSL FLFDGSPTYV LAYTQSYRAK LTPGCEAEAE TEAICFFVQQ FTDMEHNRVL EALLPLKGLE ERVAAVDLI IKSHQGLDRQ ELSFAARSFY YKLRAAEQYT PKAKYHGNNV LLRAKTGGAY GEDLGADYNL SQVCDGKVSV HVIEGDHRTL LEGSGLESII S
Species	Human
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FASN recombinant protein	The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41872631
NCBI GeneID	2194
NCBI Accession #	NP_004095.4
NCBI GenBank Nucleotide #	NM_004104.4
UniProt Accession #	P49327 ; Q13479 ; Q16702 ; Q4LE83 ; Q6P4U5 ; Q6SS02 ; Q969R1 ; Q96C68 ; Q96IT0
Molecular Weight	41.7 kDa

NCBI Official Full Name	fatty acid synthase
NCBI Official Synonym Full Names	fatty acid synthase
NCBI Official Symbol	FASN
NCBI Official Synonym Symbols	FAS; OA-519; SDR27X1
NCBI Protein Information	fatty acid synthase
UniProt Protein Name	Fatty acid synthase
UniProt Gene Name	FASN
UniProt Synonym Gene Names	FAS

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://stage.aaabiotech.com/fasn-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113996>