

Recombinant Human FASN protein, GST-tagged

Cat. No. FASN-30158H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FASN (139-439 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala139-Gly439
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	AQQQTQLNLRSLLVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSLASRLSIPT YGLQCTRAAPLDSIHSLAAYYIDCIRVQVQPEGPYRVAGYSYGACVAFEMCSQLQAQ QSPAPTHNSLFLFDGSPTYVLAYTQSYRAKLTGCEAEAETEACFFVQQFTDMEHN RVLEALLPLKGLEERVAAAVDIIKSHQGLDRQELSFAARSFYKLRAAEQYTPKAKY HGNVMLLRAKTGGAYGEDLGADYNLSQVCDGKVSVHVIEGDHRTLLEGSGLESIIISII HSSLAEP RVSVREG
Purity	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name	FASN fatty acid synthase [Homo sapiens]
Official Symbol	FASN
Synonyms	FASN; fatty acid synthase; FAS; SDR27X1; short chain dehydrogenase/reductase family 27X; member 1; short chain dehydrogenase/reductase family 27X, member 1; OA-519; MGC14367; MGC15706;
Gene ID	2194
mRNA Refseq	NM_004104
Protein Refseq	NP_004095
MIM	600212
UniProt ID	P49327

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