

Recombinant Human FASN protein, His-tagged

Cat. No. FASN-2661H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FASN protein(139 - 439 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	139 - 439 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AQQQTQLNLRSLLVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSLASRLSIPT YGLQCTRAAPLDSIHSLAAYYIDCIRQVQPEGPYRVAGYSYGACVAFEMCSQLQAQ QSPAPTHNSLFLFDGSPTYVLAYTQSYRAKLTPGCEAEAETEACFFVQQFTDMEHN RVLEALLPLKGLEERVAAAVDLIIKSHQGLDRQELSFAARSFYYKLRAAEQYTPKAKY HGNVMLLRAKTGGAYGEDLGADYNLSQVCDGKVSVHVIEGDHRTLLEGSGLESIIISII HSSLAEPRVSVREG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). 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

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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