

Recombinant Human SREBF1 protein, His-tagged

Cat. No. SREBF1-3409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SREBF1 protein(1-332 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-332 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	MDEPPFSEAALEQALGEPCLDAALLTDIEGEVGAGRGRANGLDAPRAGADRGAM DCTFEDMLQLINNQDSDFPGLFDPYAGSGAGGTDPAASPDTSPPGSLSPPPATLSS SLEAFLSGPQAAPSPSPQPAPTPLKMYPSMPAFSPGPGIKEESVPLSILQTPTPQ PLPGALLPQSFPAPAPPQFSSTPVLGYSPPGGFSTGSPPGNTQQPLPGLPLASPP GVPPVSLHTQVQSVVPQQLLTVTAAPTAAPVTTTQVTSQIQQVPVLLQPHFIKADSLLL TAMKTDGATVKAAGLSPLVSGTTVQTGPLPTLVSGGTILATVPLVVDAEK
Purity	85%, 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

SREBF1 sterol regulatory element binding transcription factor 1 [Homo sapiens]

Official Symbol

SREBF1

Synonyms

SREBF1; sterol regulatory element binding transcription factor 1; sterol regulatory element-binding protein 1; bHLHd1; SREBP 1c; SREBP1; SREBP-1; class D basic helix-loop-helix protein 1; SREBP-1c;

Gene ID

6720

mRNA Refseq

NM_001005291

Protein Refseq

NP_001005291

MIM

184756

UniProt ID

P36956

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