

# Recombinant Human SREBF2 protein, His-tagged

**Cat. No.** SREBF2-7843H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SREBF2 protein(795-1141 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 795-1141 aa                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.                                                                           |
| <b>AASequence</b>       | PIAQVHQAFCKNLLERAIESLVKPQAKKKAGDQEEESCEFSSALEYKLLHSFVDSV<br>GVMSPPLSRSSVLKSALGPDIIICRWWTSAITVAISWLQGDDAAVRSHFTKVERIPKAL<br>EVTESPLVKAIFHACRAMHASLPGKADGQQSSFCHCERASGHLWSSLNVSGATSD<br>PALNHVVQLLTCDLLLSLRTALWQKQASASQAVGETYHASGAELAGFQRDLGSLRR<br>LAHSFRPAYRKVFLHEATVRLMAGASPTRTHQLLEHSLRRRTTQSTKHGEVDAWPG<br>QRRERATAILLACRHLPLSFLSSPGQRAVLLAEAARTLEKVGDRRSCNDCQQMIVKLG<br>GGTAIAAS |
| <b>Purity</b>           | 75%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,                                                                                                                                                                                                                                                                                                |

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

### GENE INFORMATION

**Gene Name** SREBF2 sterol regulatory element binding transcription factor 2 [ Homo sapiens ]

**Official Symbol** SREBF2

#### Synonyms

SREBF2; sterol regulatory element binding transcription factor 2; sterol regulatory element-binding protein 2; bHLHd2; SREBP2; SREBP-2; class D basic helix-loop-helix protein 2; sterol regulatory element-binding transcription factor 2;

**Gene ID** 6721

**mRNA Refseq** NM\_004599

**Protein Refseq** NP\_004590

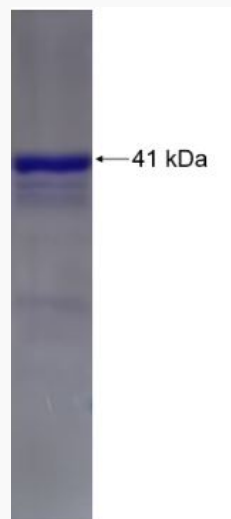
**MIM** 600481

**UniProt ID** Q12772

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**SDS-PAGE**

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