

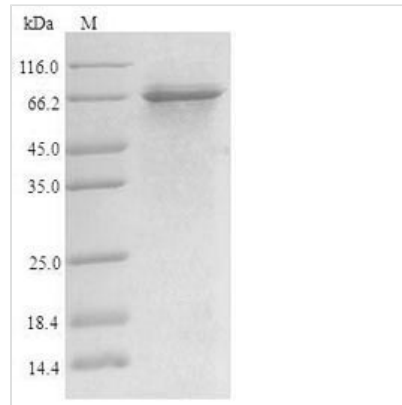


Recombinant Human Sterol regulatory element-binding protein 1 (SREBF1), partial

Product Code	CSB-CF022657HU
Relevance	Transcriptional activator required for lipid homeostasis. Regulates transcription of the LDL receptor gene as well as the fatty acid and to a lesser degree the cholesterol synthesis pathway (By similarity). Binds to the sterol regulatory element 1 (SRE-1) (5'-ATCACCCCAC-3'). Has dual sequence specificity binding to both an E-box motif (5'-ATCACGTGA-3') and to SRE-1 (5'-ATCACCCCAC-3')
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P36956
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MDEPPFSEAALEQALGEPCLDAALLTDIEDMLQLINNQSDSDFPGLFDPPYAG SGAGGTDSPASDTSSPGSLPPPATLSSSLEAFLSGPQAAPSPPLSPPQPAPT LKMYPSPMPAFSPGPGIKEESVPLSILQTPTPQPLPGALLPQSFPAPAPPQFSST PVLGYPSPPGGFSTGSPPGNTQQPLPGLPLASPPGVPPVSLHTQVQSVVPQQ LLTVTAAPTAAPVTTTTVTSQIQQVPVLLQPHFIKADSLLLTAMKTDGATVKAAGL SPLVSGTTVQTGPLPTLVSGGTILATVPLVDAEKLPINRLAAGSKAPASAQSR GEKRTAHNAIEKRYRSSINDKIIELKDLVVGTEAKLNKSAVLRKAIDYIRFLQHSN QKLKQENLSLRTAVHKSLSLKDLSACGSGGNTDVLMEGVKTEVEDTLTPPPS DAGSPFQSSPLSLGSRGSGSGSGSDSEPDSPVFEDSKAKPEQRPSLHSRG MLDRSRLAL
Research Area	Cardiovascular
Source	in vitro E.coli expression system
Target Names	SREBF1
Protein Names	Class D basic helix-loop-helix protein 1Short name:bHLHd1Sterol regulatory element-binding transcription factor 1Cleaved into the following chain:Processed sterol regulatory element-binding protein 1
Expression Region	1-490aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	54.5kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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