

Recombinant Human TCEB1 293 Cell Lysate

Cat. No. TCEB1-1189HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) (TCEB1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

TCEB1 transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) [Homo sapiens]

Official Symbol

TCEB1

Synonyms

TCEB1; transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C); transcription elongation factor B (SIII), polypeptide 1 (15kD, elongin C); transcription elongation factor B polypeptide 1; SIII; SIII p15; elongin-C; elongin 15 kDa subunit; transcription elongation factor B, polypeptide 1; RNA polymerase II transcription factor SIII subunit C; eloC;

Gene ID

6921

mRNA Refseq

NM_001204857

Protein Refseq

NP_001191786

MIM

600788

UniProt ID

Q15369

Chromosome Location

8q13.3

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing:

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Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Disease, organism-specific biosystem; ECS complex, organism-specific biosystem;

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