

Recombinant Human LZTS1 293 Cell Lysate

Cat. No. LZTS1-4574HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for leucine zipper, putative tumor suppressor 1 (LZTS1) 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.

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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

[LZTS1 leucine zipper, putative tumor suppressor 1 \[Homo sapiens \]](#)

Official Symbol

LZTS1

Synonyms

LZTS1; leucine zipper, putative tumor suppressor 1; F37/Esophageal cancer related gene coding leucine zipper motif; leucine zipper putative tumor suppressor 1; FEZ1; F37/Esophageal cancer-related gene-coding leucine-zipper motif; F37;

Gene ID

[11178](#)

mRNA Refseq

[NM_021020](#)

Protein Refseq

[NP_066300](#)

MIM

[606551](#)

UniProt ID

[Q9Y250](#)

Chromosome Location

8p22

Pathway

Gene Expression, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Chain Elongation, organism-specific biosystem; RNA Polymerase III Transcription,

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organism-specific biosystem; RNA Polymerase III Transcription Initiation, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 1 Promoter, organism-specific biosystem;

Function

DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;

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