

Recombinant Human LZTS1 293 Cell Lysate

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

SPECIFICATION

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.
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

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

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Promoter, organism-specific biosystem;

Function

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

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