

Product datasheet for TP300824

LZTS2 (NM_032429) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human leucine zipper, putative tumor suppressor 2 (LZTS2), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC200824 protein sequence

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MAIVQTLVPLEPAPEAATAPQAPVMGVSLSISGRPCPGGPAPPRHHGPPGPTFFRQQDGLLRGGYEAQ
EPLCPAVPPRKAVPVTSFTYINEDFRTESPPSPSSDVEDAREQRAHNAHLRGGPPKLIPIVSGKLEKNMEK
ILIRPTAFKPVLPKPRGAPSLPSFMGPRATGLSGSQGSLTQLFGGPASSSSSSSSSSAADKPLAFSGWAS
GCPSTGLSDSGRNSLSSLPTYSTGGAEPTTSSPGGHLPSHGSGRGALPGPARGVPTGPSHSDSGRSSSSK
STGSLGGRVAGLLGSGTRASPDSSSCGERSPPPPPPPSDEALLHCVLEGLKLRDREAELQQLRDSLLEN
EATMCQAYEERQRHWQREREALREDCAAQAQRAQRAQQLLQLQVFQLQKEKRLQDDFAQLLQEREQLER
RCATLREQRELGPRLEETKWEVCQKSGEISLLKQLKESQAEVQKGSSELVALRVALREARATLRVSEG
RARGLQEAARARELELEACSQELQRHRQAEQLREKAGQLDAEAAGLREPPVPATADPFLAESDEAKV
QRAAAGVGGSLRAQVERLRVELQRERRRGEEQRDSFEGERLAWQAEKEQVIRYQKQLQHNYIQMYRRNRQ
LEQELQQLSLELEARELADLGLAEQAPCICLEEITATEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 72.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.



[View online »](#)

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_115805](#)

Locus ID: 84445

UniProt ID: [Q9BRK4](#)

RefSeq Size: 2858

Cytogenetics: 10q24.31

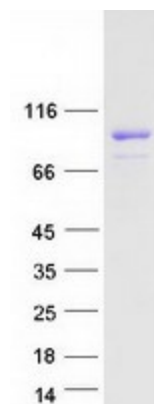
RefSeq ORF: 2007

Synonyms: LAPSER1

Summary: The protein encoded by this gene belongs to the leucine zipper tumor suppressor family of proteins, which function in transcription regulation and cell cycle control. This family member can repress beta-catenin-mediated transcriptional activation and is a negative regulator of the Wnt signaling pathway. It negatively regulates microtubule severing at centrosomes, and is necessary for central spindle formation and cytokinesis completion. It is implicated in cancer, where it may inhibit cell proliferation and decrease susceptibility to tumor development. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified LZTS2 protein (Cat# TP300824). The protein was produced from HEK293T cells transfected with LZTS2 cDNA clone (Cat# [RC200824]) using MegaTran 2.0 (Cat# [TT210002]).