

Product datasheet for PH300824

LZTS2 (NM_032429) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | LZTS2 MS Standard C13 and N15-labeled recombinant protein (NP_115805) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC200824 |
| Predicted MW: | 72.8 kDa |
| Protein Sequence: | >RC200824 protein sequence Red=Cloning site Green=Tags(s) |

MAIVQTLVPVLEPAPEAATAPQAPVMGSSVSLISGRPCPGGPAPPRHHGPPGPTFFRQDGLLRGGYEAQ
EPLCPAVPPRKAVPVTSFTYINEDFRTESSPSSDVEDAREQRAHNAHLRGPPLKIPVSGKLEKNMEK
ILIRPTAFKPVLPKPRGAPSLPSFMGPRATGLSGSQGSLTQLFGGPASSSSSSSSSSAADKPLAFSGWAS
GCPSGTLSDSGRNSLSSLPTYSTGGAEP TSSPGHLP SHGSGRGALPGPARGVPTGPSHSDSGRSSSK
STGSLGGRVAGLLGSGTRASPSSCGERSPPPPPPPSDEALLHCVLEGKLRDREAELQQLRDSL DEN
EATMCQAYEERQRHWQREREALREDCAAQAQRAQRAQQLQLQVFLQEQEKRLQDDFAQLLQEREQLER
RCATLEREQRELGPRLEETKWEVCQKSGEISLLKQQLKESQAELVQKGSSELVALRVALREARATLRVSEG
RARGLQEAARARELELEACSQELQRHRQAEQLREKAGQLDAEAAGLREPPVPPATADPFLLAESDEAKV
QRAAAGVGGSLRAQVERLRVELQRERRRGEEQRDSFEGERLAWQAEKEQVIRYQKQLQHNYIQMYRRNRQ
LEQELQQLSLELEARELADLGLAEQAPCICLEEITATEI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

| | |
|------------------|--|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_115805 |
| RefSeq Size: | 2858 |



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RefSeq ORF: 2007

Synonyms: LAPSER1

Locus ID: 84445

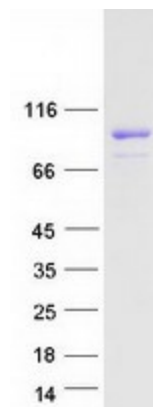
UniProt ID: [Q9BRK4](#)

Cytogenetics: 10q24.31

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]).