

Product datasheet for **TP307289L**

LZTFL1 (NM_020347) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human leucine zipper transcription factor-like 1 (LZTFL1), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207289 protein sequence
Red=Cloning site **Green**=Tags(s)

MAELGLNEHHQNEVINYMRFARSKRGLRLKTVDSQDLKESRLVEDTFTIDEVSEVLNGLQAVWHSEVE
SELINTAYTNVLLLRQLFAQAEKWYLKLTQTDISELENRELLEQVAEFEKAEITSSNKKPILDVTKPKLAP
LNEGGAELLNKEILRLQEENEKLSRLKTIEIQATNALDEKSKLEKALQDLQDQGNQKDFIKAQDLSN
LENTVAALKSEFQKTLNDKTENQKSLEENLATAKHDLRVQEQQLHMAEKELEKKFQQTAAYRNMKEILTK
KNDQIKDLRKRLAQYEPED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.4 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.

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_065080](#)

Locus ID: 54585



[View online »](#)

UniProt ID: [Q9NQ48](#)

RefSeq Size: 4075

Cytogenetics: 3p21.31

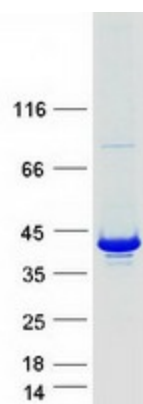
RefSeq ORF: 897

Synonyms: BBS17

Summary: This gene encodes a ubiquitously expressed protein that localizes to the cytoplasm. This protein interacts with Bardet-Biedl Syndrome (BBS) proteins and, through its interaction with BBS protein complexes, regulates protein trafficking to the ciliary membrane. Nonsense mutations in this gene cause a form of Bardet-Biedl Syndrome; a ciliopathy characterized in part by polydactyly, obesity, cognitive impairment, hypogonadism, and kidney failure. This gene may also function as a tumor suppressor; possibly by interacting with E-cadherin and the actin cytoskeleton and thereby regulating the transition of epithelial cells to mesenchymal cells. [provided by RefSeq, Aug 2020]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified LZTFL1 protein (Cat# [TP307289]). The protein was produced from HEK293T cells transfected with LZTFL1 cDNA clone (Cat# [RC207289]) using MegaTran 2.0 (Cat# [TT210002]).