

## Product datasheet for TP307289M

### LZTFL1 (NM\_020347) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human leucine zipper transcription factor-like 1 (LZTFL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207289 protein sequence Red=Cloning site Green=Tags(s)
	<p>MAELGLNEHHQNEVINYMRFARSKRGLRLKTVDSQDLKESRLVEDTFTIDEVSEVLNGLQAVWHSEVE  SELINTAYTNVLLLRQLFAQAEKWYLKLTQTDISELENRELLEQVAEFEKAEITSSNKKPILDVTKPKLAP  LNEGGAELLNKEILRLQEENEKLSRLKTIEIQATNALDEKSKLEKALQDLQDQGNQKDFIKAQDLSN  LENTVAALKSEFQKTLNDKTENQKSLEENLATAKHDLRVQEQQLHMAEKELEKKFQQTAAYRNMKEILTK  KNDQIKDLRKLRAQYEPED</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<a href="#">NP_065080</a>
Locus ID:	54585



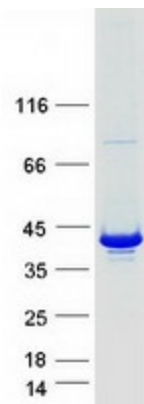
[View online »](#)

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]).