

Product datasheet for **AR51749PU-S**

LZTFL1 (1-299, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LZTFL1 (1-299, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSM AELGLN EHHQNEVINY MRFARSKRGL RLKTV DSCFQ DLKESRLVED TFTIDEVSEV LNGLQAVVHS EVESELINTA YTNVLLLRQL FAQAEKWYLK LQTDISELEN RELLEQVAEF EKAEITSSNK KPILDVTKPK LAPLNEGGA ELLNKEILRL QEENEKLKSR LKTIEIQATN ALDEKSKLEK ALQDLQLDQG NQKDFIKAQD LSNLENTVAA LKSEFQKTLN DKTENQKSLE ENLATAKHDL LRVQEQLHMA EKELEKKFQQ TAAYRNMKEI LTKKNDQIKD LRKRLAQYEP ED
Tag:	His-tag
Predicted MW:	37.0 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid. In PBS buffer (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LZTFL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001263307
Locus ID:	54585
UniProt ID:	Q9NQ48
Cytogenetics:	3p21.31
Synonyms:	BBS17



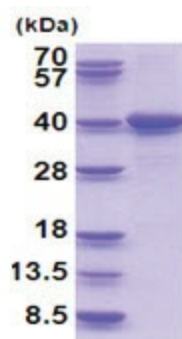
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Summary:

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:

15% SDS-PAGE (3ug)