9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13308: LZTFL1 Human

Alternative Name : Leucine Zipper Transcription Factor-Like 1, BBS17, Leucine Zipper Transcription Factor-Like Protein 1, Leucine zipper transcription factor-like protein 1.

Description

Source: Escherichia Coli.
Sterile filtered colorless solution.
Leucine Zipper Transcription Factor-Like 1, also known as LZTFL1 is a ubiquitously expressed protein which localizes to the cytoplasm. LZTFL1 interacts with Bardet-Biedl Syndrome proteins (BBS) and during its interaction with BBS protein complexes, regulates protein trafficking to the ciliary membrane. Nonsense mutations in LZTFL1 cause a form of Bardet-Biedl Syndrome; a ciliopathy characterized partly by polydactyly, obesity, cognitive impairment, hypogonadism, andÂ kidney failure. LZTFL1 also acts as a tumor suppressor; possibly by interacting with E-cadherin as well as the actin cytoskeleton and in this manner regulating the transition of epithelial cells to mesenchymal cells.
LZTFL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-299 a.a) and having a molecular mass of 37.0kDa.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	LZTFL1 protein solution (1mg/ml) containing PBS buffer (pH 7.4), 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAELGLN EHHQNEVINY MRFARSKRGL RLKTVDSCFQ DLKESRLVED TFTIDEVSEV LNGLQAVVHS EVESELINTA YTNVLLLRQL FAQAEKWYLK LQTDISELEN RELLEQVAEF EKAEITSSNK KPILDVTKPK LAPLNEGGTA ELLNKEILRL QEENEKLKSR LKTIEIQATN ALDEKSKLEK ALQDLQLDQG NQKDFIKAQD LSNLENTVAA LKSEFQKTLN DKTENQKSLE ENLATAKHDL LRVQEQLHMA EKELEKKFQQ TAAYRNMKEI LTKKNDQIKD LRKRLAQYEP ED.

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