

# Recombinant Human leucine zipper and CTNNBIP1 domain containing, His-tagged

**Cat. No.** LZIC-409H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LZIC, 1-190aa, Human, His tag, E.coli                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-190 a.a.                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | LZIC belongs to the CTNNBIP1 family. This protein is ubiquitously expressed, with highest levels in kidney and up-regulated in several cases of gastric cancers. It does not interact with CTNNB1. Recombinant human LZIC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 23.9 kDa (213aa), confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMASRGKT ETSKLKQNLE EQLDRLMQQL<br>QDLEECREEL DTDEYEETKK ETLEQLSEFN DSLKKIMSGN MTLVDELSGM<br>QLAIQAAISQ AFKTPEVIRL FAKKQPGQLR TRLAEMDRDL MVGKLERDLY<br>TQQKVEILTA LRKLGEKLTA DDEAFLSANA GAILSQFEKV STDLGSGDKI<br>LALASFEVEK TTK                                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                      |                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | >95% by SDS - PAGE                                                                                                                                 |
| <b>Storage</b>       | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b> | 1 mg/ml (determined by Bradford assay)                                                                                                             |

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | LZIC leucine zipper and CTNNBIP1 domain containing [ Homo sapiens ]                                                                                                                                                                                            |
| <b>Official Symbol</b>     | LZIC                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>            | LZIC; leucine zipper and CTNNBIP1 domain containing; protein LZIC; MGC15436; leucine zipper and CTNNBIP1 domain-containing protein; leucine zipper domain and ICAT homologous domain containing; leucine zipper and ICAT homologous domain-containing protein; |
| <b>Gene ID</b>             | 84328                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>         | NM_032368                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_115744                                                                                                                                                                                                                                                      |
| <b>MIM</b>                 | 610458                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>          | Q8WZA0                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 1p36.22                                                                                                                                                                                                                                                        |
| <b>Function</b>            | beta-catenin binding;                                                                                                                                                                                                                                          |

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