# Recombinant Human TLN2 Protein, His-tagged

**Cat. No.** TLN2-642H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human TLN2(Phe2240~Thr2492) fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Phe2240~Thr2492 |
| **Description** | This gene encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. This protein has a different pattern of expression compared to talin 1 but, like talin 1, is thought to associate with unique transmembrane receptors to form novel linkages between extracellular matrices and the actin cytoskeleton. |
| **Form** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 30.1kDa |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | > 98% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |

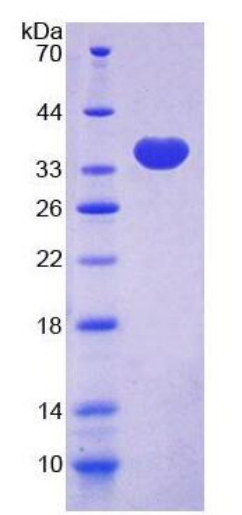
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| | If bio-activity of the protein is needed, please check active protein. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Reconstitution** | Reconstitute in PBS or others. |

## GENE INFORMATION

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| **Gene Name** | TLN2 talin 2 [ Homo sapiens ] |
| **Official Symbol** | TLN2 |
| **Synonyms** | TLN2; talin 2; talin-2; ILWEQ; KIAA0320; DKFZp451B1011; DKFZp686I0976; DKFZp686K0979; |
| **Gene ID** | 83660 |
| **mRNA Refseq** | NM_015059 |
| **Protein Refseq** | NP_055874 |
| **MIM** | 607349 |
| **UniProt ID** | Q9Y4G6 |

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