

# Recombinant Human TLCD1 Full Length Transmembrane protein, His-tagged

**Cat. No.** TLCD1-847H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TLCD1 protein(Q96CP7)(36-247aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 36-247aa                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 26.1 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | RADPLRTWRWHNLLVSFAHSIVSGIWALLCVWQTPDMLVEIETAWSLSGYLLVCFSA<br>GYFIHDTVDIVASGQTRASWEYLVHHVMAMGAFFSGIFWSSFVGGGVLTLLVEVSNI<br>FLTIRMMMKISNAQDHLLYRVNKYVNLVMYFLFRLAPQAYLTHFFLRYVNQRTLGTFL<br>LGILLMLDVMIIYFSRLLRSDFCPEHVPKKQHKDKFLTE       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                     |

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repeated freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

### GENE INFORMATION

**Gene Name** TLCD1 TLC domain containing 1 [ Homo sapiens ]

**Official Symbol** TLCD1

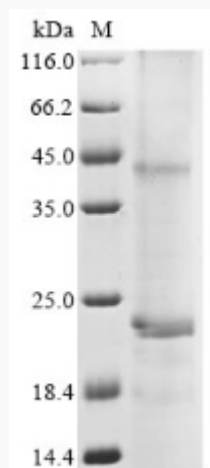
**Gene ID** 116238

**mRNA Refseq** NM\_138463.3

**Protein Refseq** NP\_612472.1

**UniProt ID** Q96CP7

#### SDS-PAGE



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