

## Recombinant Human TLE4, GST-tagged

**Cat. No.** TLE4-3251H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TLE4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 173-243aa                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TLE4 transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila) [ Homo sapiens ] |
| <b>Official Symbol</b> | TLE4                                                                                   |
| <b>Synonyms</b>        | ESG; BCE1; ESG4; GRG4; BCE-1; E(spl)                                                   |
| <b>Gene ID</b>         | 7091                                                                                   |

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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_007005.3                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | NP_008936.2                                                                                                                                                                                                                                                     |
| <b>MIM</b>                 | 605132                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | Q04727                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 9q21.31                                                                                                                                                                                                                                                         |
| <b>Pathway</b>             | Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem;NOTCH1 Intracellular Domain Regulates Transcription, organism-specific biosystem;Regulation of Wnt-mediated beta catenin signaling and target gene transcription |
| <b>Function</b>            | chromatin binding;molecular_function;repressing transcription factor binding;transcription corepressor activity;                                                                                                                                                |

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