

## Recombinant Mouse Otos Protein, Myc/DDK-tagged

**Cat. No.** Otos-4624M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length otospiralin (Otos), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | May be essential for the survival of the neurosensory epithelium of the inner ear.                                                            |
| <b>Molecular Mass</b>   | 10.2 kDa                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                              |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                         |

### GENE INFORMATION

|                  |                                                        |
|------------------|--------------------------------------------------------|
| <b>Gene Name</b> | Otos otospiralin [ <i>Mus musculus</i> (house mouse) ] |
|------------------|--------------------------------------------------------|

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|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Official Symbol</b> | Otos                                                    |
| <b>Synonyms</b>        | OTOS; otospiralin; organ of Corti 10 kDa protein; OTOSP |
| <b>Gene ID</b>         | 260301                                                  |
| <b>mRNA Refseq</b>     | NM_153114                                               |
| <b>Protein Refseq</b>  | NP_694754                                               |
| <b>UniProt ID</b>      | Q8R448                                                  |

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