

## Recombinant Mouse Lefty2 protein, His&Myc-tagged

**Cat. No.** Lefty2-3162M    **Lot. No.** (See product label)

### SPECIFICATION

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| <b>Product Overview</b> | Recombinant Mouse Lefty2 protein(P57785)(78-368aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                   |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 78-368aa                                                                                                                                                                                                                                                                                                            |
| <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>   | 40.1 kDa                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | FSQNFREVAGRFLMSETSTHLLVFGMEQRLPPNSELVQAVLRLFQEPVPRTALRRF<br>ERLSPHSARARVTIEWLVRVEDGSNRTALIDSRLVSIHESGWKAFDVTEAVNFWQQ<br>LSRPRQPLLLQVSVQREHLGPGTWSAHKLVRFAAQGTPDGKGQGEPLHTLDL<br>KDYGAQGNCDPEVPVTEGTRCCRQEMYLDLQGMKWAENWILEPPGFLTYECVGS<br>CLQLPESLTIGWPFLGPRQCVASEMTSLPMIVSVKEGGTRPQVVSLPNMRVQTCS<br>CASDGALIPRGIDL |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                         |

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| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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. Our default final concentration of glycerol is 50%. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>        | Lefty2 left-right determination factor 2 [ Mus musculus ]                                                                                                                                                                                                     |
| <b>Official Symbol</b>  | Lefty2                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>         | LEFTY2; left-right determination factor 2; protein lefty-2; protein lefty-B; left-right determination factor B; left-right determination, factor A; endometrial bleeding associated factor; Ebaf; Lefta; Leftb; AV214969; 6030463A22Rik; MGC98569;            |
| <b>Gene ID</b>          | 320202                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>      | NM_177099                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | NP_796073                                                                                                                                                                                                                                                     |