

PRODUCT INFORMATION

| | |
|---|---|
| Target | DLL3 |
| Synonyms | pu; pudgy |
| Description | Recombinant mouse DLL3(309-350) protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | O88516 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | Mouse DLL3(Val309-Lys350) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 30.3 kDa after removal of the signal peptide. The apparent molecular mass of mDLL3(309-350)-hFc is approximately 35-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Predicted to enable Notch binding activity. Involved in skeletal system development. Acts upstream of or within anterior/posterior pattern specification; negative regulation of neurogenesis; and paraxial mesoderm development. Located in plasma membrane. Is expressed in several structures, including blastocyst; central nervous system; future brain; paraxial mesenchyme; and sensory organ. Used to study spondylocostal dysostosis. Human ortholog(s) of this gene implicated in dysostosis and spondylocostal dysostosis 1. Orthologous to human DLL3 (delta like canonical Notch ligand 3). [provided by Alliance of Genome Resources, Nov 2024] |
| Usage | Research use only |
| Conjugate | Unconjugated |





Figure 1. Mouse DLL3(309-350) Protein, hFc Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

