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

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

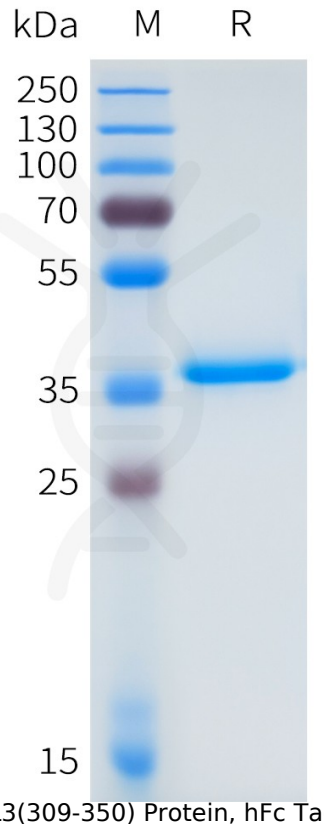


Figure 1. Mouse DLL3(309-350) Protein, hFc Tag on SDS-PAGE under reducing condition.

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