HUMAN DLL3 PROTEIN, HFC TAG

Cat.#: 11404

Product Name: Human DLL3 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: SCDO1

Target: DLL3

UNIPROT ID: Q9NYJ7

Description: Recombinant human DLL3 protein with C-terminal human Fc tag

Background: This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 74.4 kDa after removal of the signal peptide. The apparent molecular mass of DLL3-hFc is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: DLL3(Ala27-Arg490) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 80% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

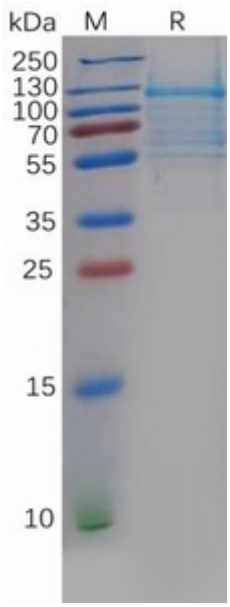

Figure 1. Human DLL3 Protein, hFc Tag on SDS-PAGE under reducing condition.