

HUMAN DLL3 PROTEIN, HIS TAG

Cat.#: 11184

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 6xHis 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 49.1 kDa after removal of the signal peptide. The apparent molecular mass of DLL3-His is approximately 55–70 kDa due to glycosylation.

Molecular Characterization: DLL3(Ala27–Arg490) 6×His tag

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.

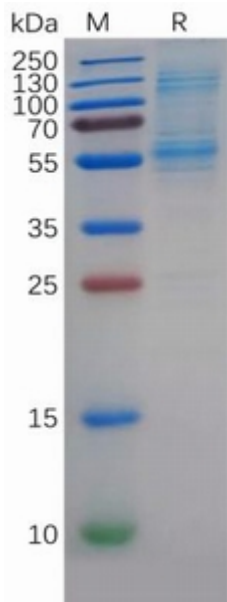


Figure 1. Human DLL3 Protein, His Tag on SDS-PAGE under reducing condition.