

HUMAN CLEC2D PROTEIN, N-HIS TAG**Cat.#:** 11244**Product Name:** Human CLEC2D Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** CLAX;LLT1;OCIL**Target:** CLEC2D**UNIPROT ID:** Q9UHP7**Description:** Recombinant Human CLEC2D Protein with N-terminal 6xHis tag**Background:** This gene encodes a member of the natural killer cell receptor C-type lectin family. The encoded protein inhibits osteoclast formation and contains a transmembrane domain near the N-terminus as well as the C-type lectin-like extracellular domain. Several alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Oct 2010]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 16.2 kDa after removal of the signal peptide. The apparent molecular mass of His-CLEC2D is approximately 15–25 kDa due to glycosylation.**Molecular Characterization:** 6×His CLEC2D(Arg60–Val191)**Purity:** The purity of the protein is greater than 90% 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.

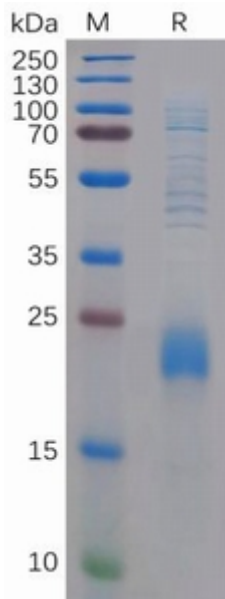


Figure 1. Human CLEC2D Protein, N-His Tag on SDS-PAGE under reducing condition.