

## HUMAN CLEC2D PROTEIN, HFC TAG

**Cat.#:** 11613

**Product Name:** Human CLEC2D Protein

**Size :** 10 µg, 50 µg and 100 µg

**Synonyms:** CLAX;LLTI;OCIL

**Target:** CLEC2D

**UNIPROT ID:** Q9UHP7

**Description:** Recombinant Human CLEC2D Protein with N-terminal human Fc 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 41.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CLEC2D is approximately 35-55 kDa due to glycosylation.

**Molecular Characterization:** hFc(Glu99-Ala330) 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, hFc Tag on SDS-PAGE under reducing condition.

### Human CLEC2D, hFc Tagged protein ELISA

0.2 µg of Human CLEC2D, hFc tagged protein per well

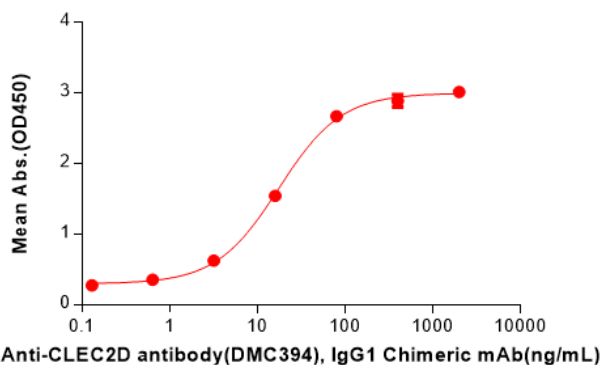


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CLEC2D Protein, hFc Tag(11613) can bind Anti-CLEC2D antibody(DMC394), IgG1 Chimeric mAb in a linear range of 3.20-80 ng/mL.