PRODUCT INFORMATION

Target	CLEC2D
Synonyms	CLAX;LLT1;OCIL
Description	Recombinant Human CLEC2D Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9UHP7
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CLEC2D(Arg60-Val191)
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.
Purity	The purity of the protein is greater than 90% 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

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

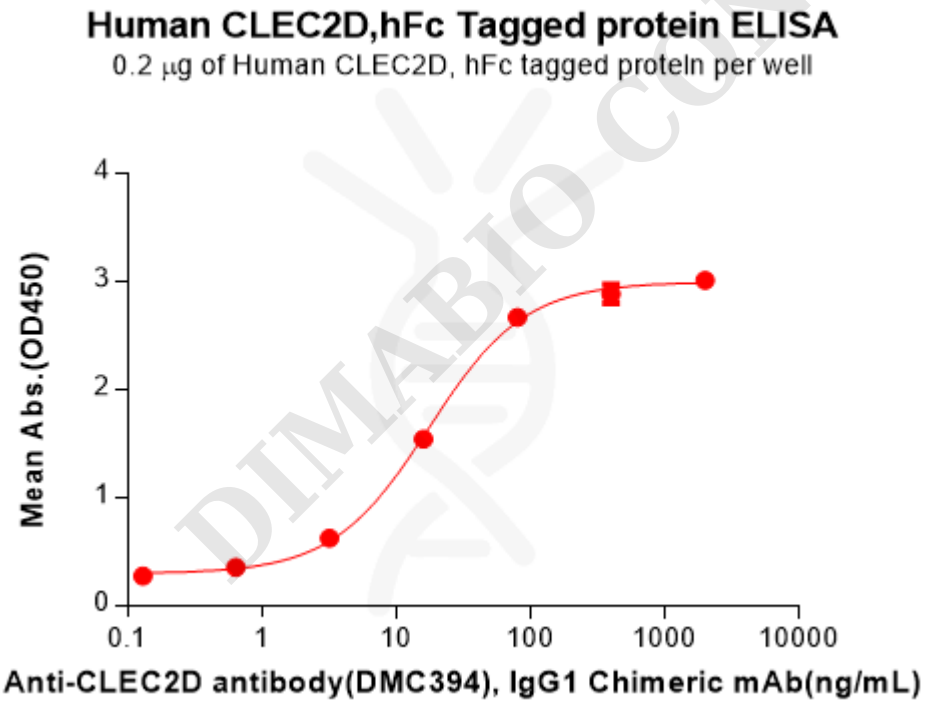

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CLEC2D Protein, hFc Tag(PME100832) can bind Anti-CLEC2D antibody(DMC394), IgG1 Chimeric mAb in a linear range of 3.20–80 ng/mL.