

PRODUCT INFORMATION

CLEC2D **Target**

Synonyms CLAX;LLT1;OCIL

Recombinant Human CLEC2D Protein with N-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q9UHP7 **Expression Host HEK293**

Tag N-6×His Tag

Molecular Characterization

Molecular Weight

Background

6×His CLEC2D(Arg60-Val191)

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. The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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









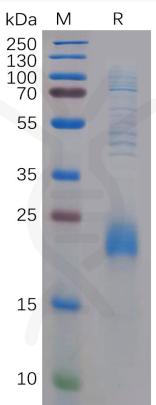


Figure 1. Human CLEC2D Protein, N-His Tag on SDS-PAGE under reducing condition.

[title text="Cited in Literature" color="rgb(21, 94, 173)" icon="icon-pen-alt-fill"]

[row]

[col span_sm="12"]

Zhu, Y., Zhang, H., Shao, R., Wu, X., Ding, Y., Li, Y., Wang, W., Li, B., Lu, P., & Ma, Z. (2024). Comprehensive pan-cancer analysis of KLRB1-CLEC2D pair and identification of small molecule inhibitors to disrupt their interaction. International immunopharmacology, 140, 112908. https://doi.org/10.1016/j.intimp.2024.112908 (PubMed)

[/col]

[/row]

