PRODUCT INFORMATION

Target	CLEC2D
Synonyms	CLAX;LLT1;OCIL
Description	Recombinant Human CLEC2D Protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9UHP7
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His CLEC2D(Arg60-Val191)
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.
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

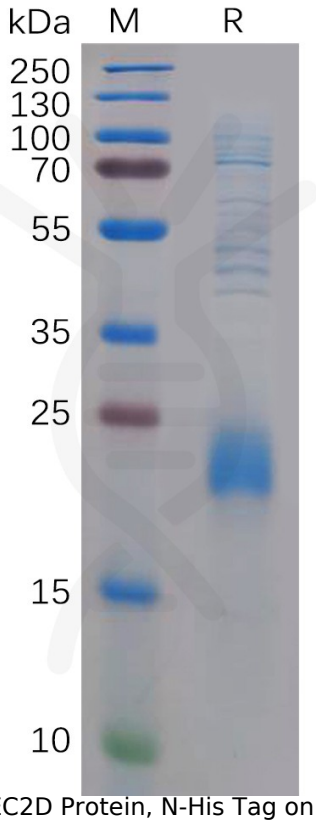

Figure 1. Human CLEC2D Protein, N-His Tag on SDS-PAGE under reducing condition.

Cited in Literature

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)**