

**Product Name: Recombinant Mouse CLEC2D (N-6His)**  
**Catalog #: PHM2415**

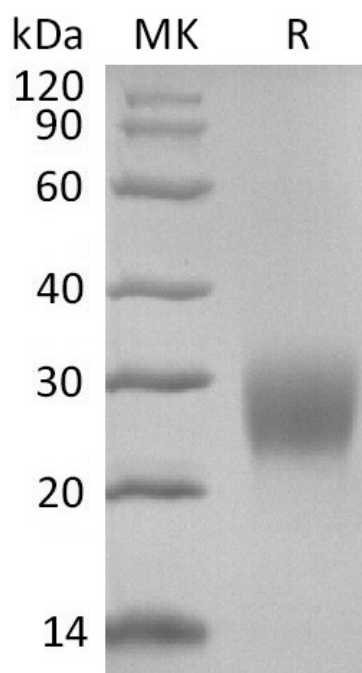


## Summary

<b>Name</b>	CLEC2D/C-type lectin domain family 2 member D
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Mouse C-type Lectin Domain Family 2 Member D is produced by our Mammalian expression system and the target gene encoding Leu63-Ser207 is expressed with a 6His tag at the N-terminus.
<b>Accession #</b>	Q91V08
<b>Host</b>	Human cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	17.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### Alternative Names

C-type lectin domain family 2 member D; C-type lectin-related protein B; Clr-b; Lectin-like transmembrane protein; Osteoclast inhibitory lectin; Clec2d; Clrb; Ocil

### Background

C-type lectin domain family 2, member D (CLEC2D) is implicated in the immune response. Sensing tissue damage is an ancient function of immune cells that is central to the regulation of inflammation, tissue repair, and immunity. The C-type lectin receptor Clec2d as a sensor of cell death, which directly detects histones released during necrosis and thus contributes to inflammation and immunopathology. The Clec2d pathway may also be exploited to favor a pro-inflammatory anti-tumor response. And tumor cells can show reduced global levels of histone modification, which may favor Clec2d sensing. The contrasting expression of CLEC2D in HIV infection and pre-eclampsia is demonstrative of the immunosuppressive and pro-inflammatory roles of the respective pathologies.

### Note

For Research Use Only , Not for Diagnostic Use.