

# Recombinant Full Length Human CLEC2D Protein, GST-tagged

**Cat. No.** CLEC2D-2133HF    **Lot. No.** (See product label)

## SPECIFICATION

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| <b>Product Overview</b> | Human CLEC2D full-length ORF ( AAH19883, 1 a.a. - 154 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 154 amino acids                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 42.68 kDa                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MHDSNNVEKDITPSELPANPGCVHSKEHSIKATLIWRLFFLIMFLTIIVCGMVAALSAIR<br>ANCHQEPSVCLQAACPESWIGFQRKCFYFSDDTKNWTSSQRFCDSDADLAQVES<br>FQELNLLRYKGPSDHWIGLSREQGQPWKWINGTEWTRQ                                                                                                                                                                                                            |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                           |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                         |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                         |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>        | CLEC2D C-type lectin domain family 2, member D [ Homo sapiens ]                                                                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b>  | CLEC2D                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | CLEC2D; C-type lectin domain family 2, member D; C type lectin superfamily 2, member D; C-type lectin domain family 2 member D; C type lectin related f; CLAX; lectin like transcript 1; LLT1; OCIL; LLT-1; C-type lectin related f; lectin-like transcript 1; lectin-like NK cell receptor; osteoclast inhibitory lectin; C-type lectin superfamily 2, member D |
| <b>Gene ID</b>          | 29121                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | NM_001004419                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | NP_001004419                                                                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>              | 605659                                                                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>       | Q9UHP7                                                                                                                                                                                                                                                                                                                                                           |

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