# Active Recombinant Human CLEC4G Protein, His-tagged

**Cat. No.** CLEC4G-873H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human CLEC4G (Accession # NP_940894) Ser54-Cys293, fused with an N-terminal 9-His tag, was produced in Mouse myeloma cell line, NS0-derived. |
| **Species** | Human |
| **Source** | Mammalian Cells |
| **ProteinLength** | Ser54-Cys293 |
| **Predicted N Terminal** | Ser54 |
| **Form** | Lyophilized from a 0.2 μm filtered solution in Tris-Citrate and NaCl. |
| **Bio-activity** | Measured by its ability to bind Jurkat human acute T cell leukemia cells in a flow cytometry assay.A 2 - 8 fold increase in fluorescence intensity can be observed when Jurkat cells are stained with 10 μg/tube rhLSECtin/his and mouse anti-polyHistidine-PE as compared to cells stained with mouse anti-polyHistidine-PE. Optimal dilutions should be determined by each laboratory for each application. |
| **Molecular Mass** | Recombinant Human CLEC4G, His-tagged has a calculated MW of 27.8 kDa. In SDS-PAGE migrates as 37 kDa, reducing conditions. |
| **Purity** | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| **Storage** | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In |

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| | lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC). |

## GENE INFORMATION

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| **Gene Name** | CLEC4G C-type lectin domain family 4, member G [ Homo sapiens ] |
| **Official Symbol** | CLEC4G |
| **Synonyms** | CLEC4G; C-type lectin domain family 4, member G; C type lectin superfamily 4, member G; C-type lectin domain family 4 member G; LSECtin; UNQ431; C-type lectin superfamily 4, member G; liver and lymph node sinusoidal endothelial cell C-type lectin; LP2698; DTTR431; |
| **Gene ID** | 339390 |
| **mRNA Refseq** | NM_001244856 |
| **Protein Refseq** | NP_001231785 |
| **MIM** | |
| **UniProt ID** | Q6UXB4 |
| **Chromosome Location** | 19p13.2 |

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