

Active Recombinant Human CLEC4G Protein, His-tagged

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

SPECIFICATION

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 µ 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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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