

Active Recombinant Human CLEC9A Protein, Fc-tagged

Cat. No. CLEC9A-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC10A (Lys57-Val241) Protein with a Human IgG1 tag (Pro100-Lys330) at N-terminus was expressed in Mouse myeloma cell line NS0 cell.
Species	Human
Source	Mouse myeloma cell
ProteinLength	57-241 a.a.
Description	CLEC9A is a group V C-type lectin-like receptor (CTLR) that functions as an activation receptor and is expressed on myeloid lineage cells.
Form	Disulfide-linked homodimer
Bio-activity	Measured by flow cytometry for its ability to bind a ligand expressed in FasL-treated mouse B cells. At 100 ng/mL, > 50% of necrotic cells bind to Recombinant Human CLEC9a.
Molecular Mass	47.8 kDa
N-terminal Sequence Analysis	Met
Endotoxin	<0.10 EU/μg of the protein by the LAL method.

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Purity	> 95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Applications	Bioactivity
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Reconstitution	Reconstitute at 200 µg/mL in PBS.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name	CLEC9A C-type lectin domain containing 9A [Homo sapiens (human)]
Official Symbol	CLEC9A
Synonyms	CLEC9A; C-type lectin domain containing 9A; CD370; DNGR1; DNGR-1; UNQ9341; C-type lectin domain family 9 member A; HEEE9341
Gene ID	283420
mRNA Refseq	NM_207345
Protein Refseq	NP_997228
MIM	612252

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UniProt ID

Q6UXN8

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