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# CLEC7A Human

*C-Type Lectin Domain Family 7, Member A Human Recombinant*
*RCP0456*

## Product Overview

| | |
|---|---|
| Name | CLEC7A Human |

**Description**

C-Type Lectin Domain Family 7, Member A Human Recombinant

**Synonyms**

BGR, Dendritic Cell-Associated C-Type Lectin-1, Dendritic Cell-Associated C-Type Lectin 1, C-Type Lectin Domain Family 7, Member A, Lectin-Like Receptor 1, CD369 Antigen, CANDF4, SCARE2, CD369, C-Type Lectin Domain Containing 7A, C-Type Lectin Domain Family 7 Member A, C-Type (Calcium Dependent, Carbohydrate-Recognition Domain) Lectin, Superfamily Member 12, C-Type Lectin Superfamily Member 12, DC-Associated C-Type Lectin 1, Beta-Glucan Receptor, Dectin-1, CLECSF12, DECTIN1.

**Introduction**

C-type lectin domain family 7 member A 1 or CLEC7A is a protein, that in the innate immune system, acts against fungal pathogens. CLEC7A can be found in the immune system response cells such as monocytes, macrophages & neutrophils, or in dendritic and T cells. The protein is enhanced by macrophages by using GM-CSF, IL-4, or IL-13, or diminishes by dexamethasone, IL-10 and LPS.

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile Filtered clear solution.

**Formulation**

The CLEC7A solution (0.5mg/1ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 95.0% as determined by SDS-PAGE.

**Amino acid sequence**

ADP RHNSGRN PEEKDNFLSR NKENHKPTES SLDEKVAPSK ASQTTGGFSQ SCLPNWIMHG KSCYLFSFSG NSWYGSKRHC SQLGAHLLKI DNSKEFEFIE SQTSSHRINA FWIGLSRNQS EGPWFWEDGS AFFPNSFQVR

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NTVPQESLLH NCVWIHGSEV YNQICNTSSY SICEKEL HHH HHH.

**Precautions**

CLEC7A Human is for research use only and not for use in diagnostic or therapeutic procedures.