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32-13161: CLEC7A Human

Alternative Name :	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.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
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.
CLEC7A Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 183 amino acids (71-244 a.a) and having a molecular mass of 21kDa. CLEC7A is fused to a 9 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The CLEC7A solution (0.5mg/1ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPRHNSGRN PEEKDNFLSR NKENHKPTES SLDEKVAPSK ASQTTGGFSQ SCLPNWIMHG KSCYLFSFSG NSWYGSKRHC SQLGAHLLKI DNSKEFEFIE SQTSSHRINA FWIGLSRNQS EGPWFWEDGS AFFPNSFQVR NTVPQESLLH NCVWIHGSEV YNQICNTSSY SICEKELHHH HHH.