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32-13162: CLEC10A Human

Alternative Name :	C-Type Lectin Domain Containing 10A, C-Type Lectin Domain Family 10 Member A, C-Type (Calcium Dependent, Carbohydrate-Recognition Domain) Lectin, Superfamily Member 14 (Macrophage-Derived), Macrophage Lectin 2 (Calcium Dependent), CLECSF13, CLECSF14, HML, C-Type (Calcium Dependent, Carbohydrate-Recognition Domain) Lectin, Superfamily Member 13 (Macrophage-Derived), C-Type Lectin Domain Family 10, Member A, C-Type Lectin Superfamily Member 14, Macrophage Lectin 2, CD301 Antigen, CD301, HML2, MGL.

Description

Source: Sf9, Insect cells.
Sterile Filtered colorless solution.
C-Type Lectin Domain Family 10, Member A (CLEC10A) is a part of the C-type lectin superfamily. CLEC10A is expressed in immature myeloid dendritic cells and alternatively activated macrophages. CLEC10A takes part in regulating adaptive and innate immune responses and also binds in a calcium dependent way to terminal galactose and N-acetylgalactosamine, linked to serine or threonine.
CLEC10A Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 241 amino acids (61-292a.a.) and having a molecular mass of 27.3kDa. (Molecular size on SDS-PAGE under reducing conditions 28-40kDa).CLEC10A is expressed with a 9 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CLEC10A protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4).
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 :	ADPQNSKFQR DLVTLRTDFS NFTSNTVAEI QALTSQGSSL EETIASLKAE VEGFKQERQA VHSEMLLRVQ QLVQDLKKLT CQVATLNNNG EEASTEGTCC PVNWVEHQDS CYWFSHSGMS WAEAEKYCQL KNAHLVVINS REEQNFVQKY LGSAYTWMGL SDPEGAWKWV DGTDYATGFQ NWKPGQPDDW QGHGLGGGED CAHFHPDGRW NDDVCQRPYH WVCEAGLGQT SQESHHHHHH H.

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