9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13160: CLEC5A Human, Sf9

Alternative Name : C-type lectin domain family 5 member A , CLECSF5, MDL-1, MDL1, C-type lectin superfamily member 5, Myeloid DAP12-associating lectin 1.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
C-type lectin domain family 5-member A isoform 1 (CLEC5A) is part of the CTL/CTLD superfamily which carry various functions, for instance cell-cell signaling, cell adhesion, glycoprotein turnover, in addition to their inflammation & immune response abilities. CLEC5A operates as a cell attachment receptor for all 4 serotypes of Dengue virus in addition to Japanese encephalitis virus. CLEC5A binds to the dengue virus and it triggers signaling through the phosphylation of TYROBP, as a result no viral entrance occurs, however this interaction does stimulate proinflammatory cytokine release. CLEC5A preforms as a positive regulator of osteoclastogenesis and also a main regulator of synovial injury & bone erosion for the period of autoimmune joint inflammation.
CLEC5A produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (28-188 a.a.) and fused to a 9 aa His Tag at C-terminus containing a total of 170 amino acids and having a molecular mass of 19.5kDa.CLEC5A shows multiple bands between 28-40kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CLEC5A protein solution (0.25mg/ml) contains 20% glycerol, 1mM DTT & Phosphate buffered saline (pH7.4).
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 :	ADLPQIFNKS NDGFTTTRSY GTVSQIFGSS SPSPNGFITT RSYGTVCPKD WEFYQARCFF LSTSESSWNE SRDFCKGKGS TLAIVNTPEKÂ LKFLQDITDA EKYFIGLIYH REEKRWRWIN NSVFNGNVTN QNQNFNCATI GLTKTFDAAS CDISYRRICE KNAKHHHHHH