32-13115: CD69 Human

Alternative Name :	CD69 Molecule, CD69 Antigen (P60, Early T-Cell Activation Antigen), Early T-Cell Activation Antigen P60, Leukocyte Surface Antigen Leu-23, BL-AC/P26, GP32/28, CLEC2C, MLR-3, AIM, EA1, C-Type Lectin Domain Family 2, Member C, Activation Inducer Molecule (AIM/CD69), C-Type Lectin Domain Family 2 Member C, Early Lymphocyte Activation Antigen, Activation Inducer Molecule, CD69 Antigen, Early activation antigen CD69.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
CD69 is a type 2 transmembrane glycoprotein which belongs to the C-type lectin family. CD69 is a very early activation Ag of T lymphocytes. The expression of CD69 is induced upon activation of T lymphocytes, and CD69 takes part in proliferation. Moreover, CD69 acts to transmit signals in natural killer cells as well as platelets. CD69 functions in the pathogenesis of allergen induced eosinophilic airway inflammation and responsiveness. Among the diseases which are associated with CD69: cd3gamma deficiency and mast cell disease.
CD69 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 147 amino acids (62-199a.a.) and having a molecular mass of 17.0kDa.Â (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). CD69 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CD69 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 :	ADPSVGQYNC PGQYTFSMPS DSHVSSCSED WVGYQRKCYF ISTVKRSWTS AQNACSEHGA TLAVIDSEKD MNFLKRYAGR EEHWVGLKKE PGHPWKWSNG KEFNNWFNVT GSDKCVFLKN TEVSSMECEK NLYWICNKPY KHHHHHH.