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32-13119: CD81 Human

Alternative Name :	CD81 Molecule, CD81 Antigen (Target Of Antiproliferative Antibody 1), 26 KDa Cell Surface Protein TAPA-1, Tetraspanin-28, CD81 Antigen, Tspan-28, TSPAN28, TAPA1, Target Of The Antiproliferative Antibody 1, CVID6, S5.7, 26 kDa cell surface protein TAPA-1, Target of the antiproliferative antibody 1, Tetraspanin-28, Tspan-28.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
CD81 antigen isoform 1, also known as CD81, is part of the tetraspanin family. CD81 interacts directly with immunoglobulin superfamily member 8 (IGSF8, CD316) and CD36. In B cells, CD81 is part of a complex with CD21, CD19 and Leu13. Furthermore, this complex decreases the threshold for B cell activation through B cell receptors by linking Ag specific recognition and CD21 mediator recognition. While on T cells CD81 connects with CD4 and CD8 and provides a costimulatory signal with CD3.
CD81 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 331 amino acids (113-201a.a.) and having a molecular mass of 37.0kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).CD81 is expressed with a 242 amino acid hIgG-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 :	CD81 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 :	ADPFVNKDQI AKDVKQFYDQ ALQQAVVDDD ANNAKAVVKT FHETLDCCGS STLTALTTSV LKNNLCPSGS NIISNLFKED CHQKIDDLFS GKLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRVÂ VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H.

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