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32-13101: CD320 Human

Alternative Name : CD320 antigen isoform 1, CD320, 8D6, 8D6A, TCBLR, FDC-SM-8D6, FDC-signaling molecule 8D6.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
CD320 is a part of the low-density lipoprotein receptor family, having 2 low-density lipoprotein receptor type A domains divided by a complement-like cysteine-rich region. CD320 participates in cobalamin uptakeÂ and internalizes the complex by endocytosis. CD320 is also plays a role as costimulator to promote B cell and follicular dendritic cells responses. CD320 is also known to augment the proliferation of PC precursors generated by IL-10.Â
CD320 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 438 amino acids (31-229a.a.) and having a molecular mass of 47.4kDa. (Molecular size on SDS-PAGE will appear at approximately 57-70kDa). CD320 is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	CD320 protein solution (0.5mg/ml) containing 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 :	LEAAASPLST PTSAQAAGPS SGSCPPTKFQ CRTSGLCVPL TWRCDRDLDC SDGSDEEECR IEPCTQKGQC PPPPGLPCPC TGVSDCSGGT DKKLRNCSRL ACLAGELRCT LSDDCIPLTW RCDGHPDCPD SSDELGCGTN EILPEGDATT MGPPVTLESV TSLRNATTMG PPVTLESVPS VGNATSSSAG DQSGSPTAYL EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTTP PVLDSDGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKSLSLSP GKHHHHHH.

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