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32-7856: Recombinant Human Transcobalamin II Receptor/TCblR/8D6A/CD320 (C-6His)

Gene : CD320
Gene ID : 51293
Uniprot ID : Q9NPF0

Description

Source: Human Cells.
MW :21.1kD.
Recombinant Human Transcobalamin II Receptor is produced by our Mammalian expression system and the target gene encoding Ser36-Val231 is expressed with a 6His tag at the C-terminus. CD320 antigen is also known as 8D6 antigen,FDC-signaling molecule 8D6,Transcobalamin receptor and 8D6A. It is a single-pass type I membrane protein and containing two LDL-receptor class A domains. CD320 has been recently discovered and reported as a follicular dendritic cell (FDC) protein. CD320 can augments the proliferation of plasma cells precursors generated by IL-10. CD320 also founctions a receptor for the cellular uptake of transcobalamin bound cobalamin. Defects in CD320 are the cause of methylmalonic aciduria type TCblR (MMATC) which is a metabolic disorder.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 10mM Tris-Citrate,150mM NaCl, pH 7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	SPLSTPTSAQAAGPSSGSCPPTKFQCRTSGLCVPLTWRCDRDLDCSDGSDEEECRIEPCTQKGQCPPPPGLPC PCTGVSDCSGGTDKKLRNCSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCGTNEILPEGDATTM GPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSSAGDQSGSPTAYGVVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.