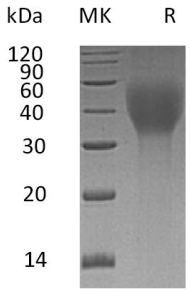
Product Name: Recombinant Human TCblR (C-6His)
Catalog #: PHH0332

Summary

Name	CD320/TCblR/8D6A
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9NPF0
Host	Human Cells
Species	Human
Predicted Molecular Mass	21.1 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 10mM Tris-Citrate, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	CD320 antigen;8D6 antigen;FDC-signaling molecule 8D6;FDC-SM-8D6;Transcobalamin receptor;TCblR;CD320
Background	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.

Note

For Research Use Only , Not for Diagnostic Use.