

Recombinant Human CD320 Protein, HIS-tagged

Cat. No. CD320-044H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD320 fused with His tag at C-termina was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the transcobalamin receptor that is expressed at the cell surface. It mediates the cellular uptake of transcobalamin bound cobalamin (vitamin B12), and is involved in B-cell proliferation and immunoglobulin secretion. Mutations in this gene are associated with methylmalonic aciduria. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Lyophilized from a 0.2 M filtered solution of 10mM Tris-Citrate,150mM NaCl, pH 7.4
Molecular Mass	21.1kD
AA Sequence	SPLSTPTSAQAAGPSSGSCPPTKFQCRTSGLCVPLTWRCRDLDCSDGSDEEEECRI EPCTQKGQCPPPPGLPCPCTGVSDCSGGTDKKLRNCSRLACLAGELRCTLSDDCIP LTWRCDGHPDCPDSSDELGCGTNEILPEGDATTMGPPVTLESVTSLRNATTMGPPV TLESVPSVGNATSSSAGDQSGSPTAYGVVDHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name CD320 CD320 molecule [Homo sapiens (human)]

Official Symbol CD320

Synonyms 8D6; 8D6A; TCBLR; CD320;

Gene ID 51293

mRNA Refseq NM_001165895.1

Protein Refseq NP_057663

MIM 606475

UniProt ID F5H6D3

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