

Recombinant Human CD320 Protein

Cat. No. CD320-0787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD320 full-length ORF (NP_057663.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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.[provided by RefSeq, Jan 2011]
Form	Liquid
Molecular Mass	29 kDa
AA Sequence	MSGGWMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPP PTKFQCRTSGLCVPLTWRCRDRLDCSDGSDEEEECRIEPCCTQKGQCPPPPGLPCPC TGVSDCSGGTDKKLRNCSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDEL GCGTNEILPEGDATTMGPPVTLESVTSRLRNATTMGPPVTLESVPSVGNATSSSAGD QSGSPTAYGVIAAAVLSASLVATLLLLSWLRAQERLRPLGLLVAMKESLLLSEQKT SLP
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	CD320 CD320 molecule [Homo sapiens (human)]
Official Symbol	CD320
Synonyms	CD320; CD320 molecule; 8D6; 8D6A; TCBLR; CD320 antigen; 8D6 antigen; FDC-SM-8D6; FDC-signaling molecule 8D6; transcobalamin receptor; CD320 Antigen; 8D6 Antigen; FDC-Signaling Molecule 8D6; Transcobalamin Receptor; FDC-SM-8D6
Gene ID	51293
mRNA Refseq	NM_001165895
Protein Refseq	NP_001159367
MIM	606475
UniProt ID	Q9NPF0

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