

# Recombinant Full Length Human CD320 Protein

**Cat. No.** CD320-3159HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CD320 full-length ORF (NP_057663.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	280 amino acids
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	29 kDa
<b>AA Sequence</b>	MSGGWMAQVGAWRTGALGLALLLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCP PTKFQCRTSGLCVPLTWRCRDRLDCSDGSDEEEECRIEPCQKGGCPPPGLPCPC TGVSDCSGGTDDKLRNCSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDEL GCGTNEILPEGDATTMGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSSAGD QSGSPTAYGVIAAAVLSASLVATLLLLLWLRAQERLRPLGLLVAMKESLLLSEQKT SLP

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<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD320 CD320 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD320
<b>Synonyms</b>	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
<b>Gene ID</b>	51293
<b>mRNA Refseq</b>	NM_001165895
<b>Protein Refseq</b>	NP_001159367
<b>MIM</b>	606475
<b>UniProt ID</b>	Q9NPF0

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