

Recombinant Full Length Human CD320 Protein, GST-tagged

Cat. No. CD320-3160HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human CD320 full-length ORF (AAH00668, 1 a.a. - 282 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 282 amino acids |
| 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] |
| Molecular Mass | 56.76 kDa |
| AA Sequence | MSGGWMAQVGAWRTGALGLALLLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCP PTKFQCRTSGLCVPLTWRCRDLDCSDGSDEEECRIEPCQKGGCPPPPGLPCPC TGVSDCSGGTDDKLRNCSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDEL GCGTNEILPEGDATTMGPPVTLESVTLRNATTMGPPVTLESVPSVGNATSSSAGD QSGSPTAYGVIAAAVLSASLVATLLLLSWLRAQERLRPLGLLVAMKESLLLSEQKT SLP |

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|-----------------------|---|
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

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|------------------------|---|
| 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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