

Recombinant Human CD320 Protein, GST-Tagged

Cat. No. CD320-0788H **Lot. No.** (See product label)

SPECIFICATION

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	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]
Molecular Mass	56.76 kDa
AA Sequence	MSGGWMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCP PTKFQCRTSGLCVPLTWRCRDLDGSDGSDEEECRIEPC TQKGQC P P P PGLPCPC TGVSDCSGGTDKKLRNCSRLACLAGE LRCTLSDDCIPLTWRC DGH PDCPDSSDEL GCGTNEILPEGDATTMGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSSAGD QSGSPTAYGVIAAAVLSASLV TATLLLLSWLRAQERLRPLGLLVAMKESLLLSEQKT SLP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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

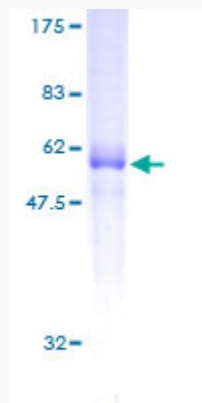
UniProt ID Q9NPF0

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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