

Recombinant Human CD320 Protein

Catalog #	Source	Reactivity	Applications
CRP1226	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD320 Protein is produced by our mammalian expression system and the target gene encoding Ser36-Val231 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μ M filtered solution of 10mM Tris-Citrate, 150mM NaCl, pH 7.4.		
Gene Symbol	CD320		
Alternative Names	8D6A; CD320 antigen; 8D6 antigen; FDC-signaling molecule 8D6; FDC-SM-8D6; Transcobalamin receptor; TCblR; CD320		
Entrez Gene	51293 (Human)		
SwissProt	Q9NPF0 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>SPLSTPTSAQ AAGPSSGSCP PTKFQCRTSG LCVPLTWRCR RDLDCSDGSD EEECRIPCT</p> <p>QKGQCPPPPG LPCPCTGVSD CSGGTDKKLR NCSRLACLAG ELRCTLSDDC IPLTWRCR DGH</p> <p>PDCPDSSDEL GCGTNEILPE GDATTMGPPV TLESVTSLRN ATTMGPPVTL ESVPSVGNAT</p> <p>SSSAGDQSGS PTAYGVVDHH HHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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