

## Recombinant Human CD320 Protein

Catalog #	Source	Reactivity	Applications
CRP1227	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CD320 Protein is produced by our mammalian expression system and the target gene encoding Ser36-Val231 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.		
<b>Gene Symbol</b>	CD320		
<b>Alternative Names</b>	8D6A; CD320 antigen; 8D6 antigen; FDC-signaling molecule 8D6; FDC-SM-8D6; Transcobalamin receptor; TCblR; CD320		
<b>Entrez Gene</b>	51293 (Human)		
<b>SwissProt</b>	Q9NPF0 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>SPLSTPTSAQ AAGPSSGSCP PTKFQCRTSG LCVPLTWRCR RDLDCSDGSD EEECRIEPC</p> <p>QKGQCPPPPG LPCPCTGVSD CSGGTDKCLR NCSRLACLAG ELRCTLSDDC IPLTWRCR DG</p> <p>PDCPDSSDEL GCGTNEILPE GDATMGPPV TLESVTSLRN ATTMGPPVTL ESVPSVGNAT</p> <p>SSSAGDQSGS PTAYGVVDDI EGRMDEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT</p> <p>LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH</p> <p>QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSREEMTK NQVSLTCLVK</p> <p>GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSV MHE</p> <p>ALHNHYTQKS LSLSPGK</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		
<b>Application key:</b>	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		
<b>Species reactivity key:</b>	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

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 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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