

## Recombinant Mouse CD167b Protein

Catalog #	Source	Reactivity	Applications
CRP2886	Human cells	Mouse	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Mouse CD167b Protein is produced by mammalian expression system and the target gene encoding Gln24-Arg399 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
<b>Gene Symbol</b>	DDR2
<b>Alternative Names</b>	NTRKR3; TKT; TYRO10; Discoidin domain-containing receptor 2; Discoidin domain receptor 2; CD167 antigen-like family member B; Discoidin domain-containing receptor tyrosine kinase 2; Neurotrophic tyrosine kinase, receptor-related 3; Receptor protein-tyrosine kinase TKT; Tyrosine-protein kinase TYRO10; CD167b
<b>Entrez Gene</b>	18214 (Mouse)
<b>SwissProt</b>	Q62371 (Mouse)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	QVNPAICRYP LGMSGGHIPD EDITASSQWS ESTAAKYGRL DSEEGDGAWC PEIPVQPDDL KEFLQIDLRT LHFITLVGTQ GRHAGGHGIE FAPMYKINYS RDGSRWISWR NRHGKQVLDG NSNPYDVFLK DLEPPIVARF VRLIPVTDHS MNVCMRVELY GCVWLDGLVS YNAPAGQQFV LPGGSIILN DSVYDGAVGY SMTEGLGQLT DGVSGLDDFT QTHEYHVWPG YDYVGWRNES ATNGFIEIMF EFDRI RNFTT MKVHCNNMFA KGVKIFKEVQ CYFRSEASEW EPTAVYFPLV LDDVNPSARF VTVPLHHRMA SAIKCQYHFA DTWMMFSEIT FQSDAAMYNN SGALPTSPMA PTTYDPMLKV DDSNTRVDHH HHHH
<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
<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

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. 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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