# Recombinant CD20B protein (His tag)

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| **Catalog Number** | 540658 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | Q86Y33 |
| **Molecular Weight** | Predictes a molecular mass of 34.60 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 35 kDa band. |

## Product Information

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| **Sequence Region** | 218-519 |
| **Form** | Lyophilized powder |
| **Formulation** | Lyophilized from sterile PBS, pH 7.4 |
| **Purity** | >89%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Endotoxin** | Not tested. |
| **Activity** | Not tested. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70℃ |
| **Protein Construction** | DNA encoding 218-519 aa (Q86Y33) were fused with 6His tag. |

## Storage & Handling

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| **Reconstitution** | Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. |
| **Storage** | Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Shipping** | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## Description

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| **Description** | Recombinant human Cell division cycle protein 20 homolog B (CDC20B) fragment (residues 218-519), a stable and soluble protein unit ideal for structural and biochemical studies in ciliogenesis and centriole regulation research.<br>Cell division cycle protein 20 homolog B (CDC20B) is a key regulator of centriole-deuterosome disengagement and plays a critical role in ciliogenesis within multiciliated cells (MCCs). This protein is localized in the cytoplasm, where it is tightly associated with mature deuterosomes, highlighting its importance in cellular processes related to cilia formation and function. |