# Recombinant Human Activin receptor type-2B (ACVR2B), partial (Active)

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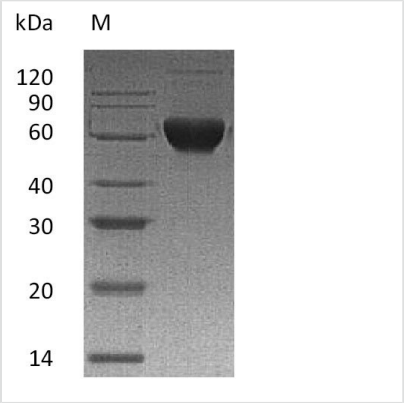
| **Product Code** | CSB-AP005701HU |
| **Abbreviation** | Recombinant Human ACVR2B protein, partial (Active) |
| **Uniprot No.** | Q13705 |
| **Storage Buffer** | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 10% Trehalose, 3% Mannitol, 0.05% Tween 80, 10 mM Methionine, pH8.5. |
| **Product Type** | Others |
| **Immunogen Species** | Homo sapiens (Human) |
| **Biological Activity** | Measured by its binding ability in a functional ELISA. Immobilized Human Activin A at 2µg/ml can bind Human ACVR2B-Fc-His, the ED50 of Recombinant Human ACVR2B-Fc-His is 50-500 ng/ml. |
| **Purity** | Greater than 95% as determined by SDS-PAGE. |
| **Sequence** | SGRGEAETRECIYYNANWELERTNQSGLERCEGEQDKRLHCYASWRNSSGTIELVKKGCWLDDFNCYDRQECVATEENPQVYFCCCEGNFCNERFTHLPEAGGPEVTYEPPPTAPT |
| **Research Area** | Signal Transduction |
| **Source** | Mammalian cell |
| **Target Names** | ACVR2B |
| **Expression Region** | 19-134aa |
| **Tag Info** | C-terminal 6xHis-hFc-tagged |
| **Mol. Weight** | 41.3 kDa |
| **Protein Length** | Partial |
| **Image** |  (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel. |
| **Endotoxin** | Less than 1.0 EU/µg as determined by LAL method. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, |

storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.