

# Human ACVR1 Recombinant Protein



RPPB0009

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## Product Information    Protein Information

**Product SKU:**

RPPB0009

**Accession:**

Q04771

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

ACVR1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 342 amino acids (21-123a.a.) and having a molecular mass of 38.4kDa. ACVR1 is expressed with a 239 amino acid hlgG-His-Tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

ACVR1A, ALK2, ACVR1, ACTRI, ACTR-I, ACVRLK2, FOP, SKR1, TSRI, Activin receptor type I, Activin receptor-like kinase 2, ALK-2, TSR-I, Serine/threonine-protein kinase receptor R1, TGF-B superfamily receptor type I.

**Formulation:**

ACVR1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MEDEKPKVNP KLYMCVCEGL SCGNEDHCEG QQCFSSLSIN DGFHVYQKGC FQVYEQGKMTCKTPSPGQA  
VECCQGDWCN RNITAQLPTK GKSFPGTQNF HLELEPKSCD KTHTCPPCAPELLGGPSVF LFPPKPKDTL  
MISRTPEVTC VVDVSHEDP EVKFNWYVDG VEVHNAKTKPREEQYNSTYR VVSVLTVLHQ DWLNGKEYKC  
KVSNAKALPAP IEKTISKAKG QPREPQVYTLPPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY  
KTPPVLDSD GSFFLYSKLTVDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.