

Recombinant Human ACVR1 Protein, Fc-tagged, 95% SEC-HPLC

Cat. No. ACVR1-0495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACVR1 Protein(Q04771)(Met21-Glu123) is expressed from HEK293 with hFc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met21-Glu123
Tag	C-hFc
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 37.43 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [ACVR1 activin A receptor, type I \[Homo sapiens \]](#)

Official Symbol [ACVR1](#)

Synonyms

ACVR1; activin A receptor, type I; ACVRLK2; activin receptor type-1; ACVR1A; ALK2; SKR1; activin receptor type I; hydroxyalkyl-protein kinase; activin receptor-like kinase 2; TGF-B superfamily receptor type I; activin A receptor, type II-like kinase 2; serine/threonine-protein kinase receptor R1; FOP; TSRI; ACTRI;

Gene ID [90](#)

mRNA Refseq [NM_001105](#)

Protein Refseq [NP_001096](#)

MIM [102576](#)

UniProt ID [Q04771](#)

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