

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACVR1 Protein(Q04771)(Met21-Glu123) is expressed from HEK293 with hFc tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met21-Glu123
<b>Tag</b>	C-hFc
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	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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