

Recombinant Human ACVR2A Protein (P191-N487), His tagged

Cat. No. ACVR2A-0786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-TEV-ACVR2A(P191-N487) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	P191-N487
Description	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for activin A, activin B and inhibin A. Mediates induction of adipogenesis by GDF6.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name ACVR2A activin A receptor, type IIA [Homo sapiens (human)]

Official Symbol ACVR2A

Synonyms ACVR2A; activin A receptor, type IIA; activin A receptor, type II, ACVR2; activin receptor type-2A; ACTRII; ACVR2;

Gene ID 92

mRNA Refseq NM_001616

Protein Refseq NP_001607

MIM 102581

UniProt ID P27037

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