

## Recombinant Human ACVR2A Protein (P191-N487), Tag Free

Cat. No. ACVR2A-0785H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human ACVR2A(P191-N487) Protein was expressed in Insect cell.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | Insect Cells   |
| <b>ProteinLength</b>    | P191-N487  |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Liquid   |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein  |
| <b>Purity</b>           | 90%  |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.  |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

|                 |                                  |
|-----------------|----------------------------------|
| <b>Shipping</b> | It is shipped out with blue ice. |
|-----------------|----------------------------------|

## GENE INFORMATION

|                  |  |
|------------------|--|
| <b>Gene Name</b> | ACVR2A activin A receptor, type IIA [ Homo sapiens (human) ] |
|------------------|--|

|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | ACVR2A |
|------------------------|--------|

|                 |  |
|-----------------|--|
| <b>Synonyms</b> | ACVR2A; activin A receptor, type IIA; activin A receptor, type II, ACVR2; activin receptor type-2A; ACTRII; ACVR2; |
|-----------------|--|

|                |    |
|----------------|----|
| <b>Gene ID</b> | 92 |
|----------------|----|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_001616 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_001607 |
|-----------------------|-----------|

|            |        |
|------------|--------|
| <b>MIM</b> | 102581 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | P27037 |
|-------------------|--------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA