



# AVISCERA BIOSCIENCE

## Human Activin Receptor Type IIA (ACTR-IIA) Extracellular Domain, Recombinant

### Product Information

|                |                                     |
|----------------|-------------------------------------|
| Code           | 00125-02-25                         |
| Name           | ACTR-IIA (H) rec.                   |
| Lot No.        |                                     |
| Size           | 25 µg                               |
| Species        | Human                               |
| Sequence       | ECD                                 |
| Protein ID     | P27037                              |
| Gene ID        | 92                                  |
| MW             | 35-40 KD                            |
| Tag            | His tag on C-terminus               |
| Source         | Human cells                         |
| Purity         | >97% in SDS-PAGE gel<br>lyophilized |
| Formulation    | Form without preservatives          |
| Carry          | free                                |
| Storage        | -20 °C ~ -70 °C                     |
| Reconstitution | 100 µl                              |
| Application    | ELISA                               |

### Description

A DNA sequence encoding extracellular domain of Human Activin Receptor Type II A (Met<sup>1</sup>-Pro<sup>134</sup>) with polyhistidine tag on the C-Terminus was expressed in human cells. The recombinant human ACVR2A comprises 126 amino acids and predicts a molecular mass of 14.9 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 35-40 kDa in SDS-PAGE under reducing conditions. Predicted N terminal is Ala 20.

### Formulation

Lyophilized 25 µg human Activin Receptor Type IIA extracellular domain in sterile PBS , pH 7.4, Carry free.

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method.

### Reconstitution & Storage

Add 100 µl deionized water to the vial to prepare a working stock solution at 250 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 12 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human Activin Receptor Type IIA (Ala<sup>20</sup>- Pro<sup>134</sup>)

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