Human ACVRL1 protein, His tag (active)

Cat. No. GTX01413-pro

Application	Functional Assay
Species	Human

Package
100 µg

APPLICATION

Application Note

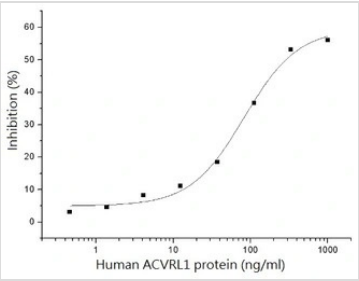
Measured by its ability to inhibit BMP9-induced alkaline phosphatase production by MC3T3-E1 cells. The ED_{50} for this effect is typically 50-200 ng/ml in the presence of 2 ng/ml of recombiant human BMP9 protein.

Observed MW	27 kDa.

PROPERTIES

Form	Lyophilized powder
Buffer	Batch dependent (please contact us for details)
Storage	Store at -20ºC or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
Region/Sequence	C-terminal poly His tagged; Met1-Gln118 of Human ACVRL1 protein (NP_000011.2)
Expression System	HEK293 cells
Purity	> 92% by SDS-PAGE.
Endotoxin	< 1.0 EU/µg (determined by LAL method)
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX01413-pro Functional Assay Image

The protein activity of GTX01413-pro Human ACVRL1 protein was measured by its ability to inhibit BMP9 induced alkaline phosphatase production by MC3T3-E1 cells.
ED_{50} : 50-200 ng/ml in the presence of 2 ng/ml of recombiant human BMP9 protein

For full product information, images and publications, please visit our website.

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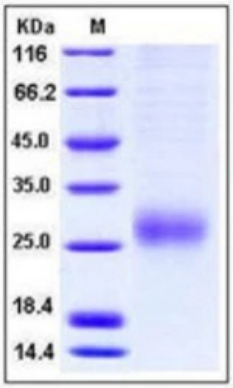

GTX01413-pro Image

SDS-PAGE of 5 µg GTX01413-pro Human ACVRL1 protein, His tag (active).

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