

Datasheet for ABIN7583285

ACVR2A Protein (AA 20-135) (His tag)



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Overview

Quantity:	100 µg
Target:	ACVR2A
Protein Characteristics:	AA 20-135
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACVR2A protein is labelled with His tag.

Product Details

Purpose:	Mouse Activin RIIA/ACVR2A Protein
Sequence:	Ala20-Pro135
Characteristics:	Recombinant Mouse Activin RIIA/ACVR2A Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ala20-Pro135.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ACVR2A
Alternative Name:	Activin RIIA (ACVR2A Products)

Target Details

Background:	Activin A receptor type 2A (ACVR2A) is a membrane receptor in the transforming growth factor-beta (TGF- β signaling pathway, which is involved in the regulation of cell proliferation, migration, and apoptosis. Loss of ACVR2A has an important role in cancer progression and distant metastasis and may serve as a prognostic marker in patients with colon cancer.
Molecular Weight:	15.06 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Tris-Bis PAGE result.
UniProt:	P27038

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 μ m filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months