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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ACVR2A (Human) Recombinant Protein

Catalog Number: P8381

Regulation Status: For research use only (RUO)

Product Description: HumanACVR2A (P27037)
recombinant protein with His-tag at C-terminal
expressed in *Baculovirus*.

Amount: > 95% by SDS-PAGE

Sequence:

AILGRSETQECLFFNANWEKDRTNQTGVEPCYGDKDK
RRHCFATWKNISGSIEIVKQGCWLDDINCYDRTDCVEK
KDSPEVYFCCCEGNMCNEKFSYFPEMEVTQPTSNPV
TPKPPLEHHHHHH.

Host: Viruses

Theoretical MW (kDa): 14.4

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: *Baculovirus* expression system

Storage Buffer: Phosphate Buffered Saline (pH 7.4)
and 10% glycerol

Storage Instruction: Store, frozen at -20°C for longer
periods of time. For long term storage it is recommended
to add a carrier protein (0.1% HSA or BSA).
Avoid multiple freeze-thaw cycles.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 92

Gene Symbol: ACVR2A

Gene Alias: ACTRII, ACVR2

Gene Summary: This gene encodes activin A type II
receptor. Activins are dimeric growth and differentiation
factors which belong to the transforming growth factor-
beta (TGF-beta) superfamily of structurally related

signaling proteins. Activins signal through a heteromeric
complex of receptor serine kinases which include at
least two type I (I and IB) and two type II (II and IIB)
receptors. These receptors are all transmembrane
proteins, composed of a ligand-binding extracellular
domain with cysteine-rich region, a transmembrane
domain, and a cytoplasmic domain with predicted
serine/threonine specificity. Type I receptors are
essential for signaling; and type II receptors are required
for binding ligands and for expression of type I receptors.
Type I and II receptors form a stable complex after
ligand binding, resulting in phosphorylation of type I
receptors by type II receptors. Type II receptors are
considered to be constitutively active kinases. [provided
by RefSeq]