

Product Datasheet

Human ACVR2B protein (orb594924)

Catalog Number	orb594924
Category	Proteins
Description	This Human ACVR2B protein spans the amino acid sequence from region 19-134aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal 6xHis-Fc-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 10% Trehalose, 3% Mannitol, 0.05% Tween 80, 10 mM Methionine, pH 8.5.
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	SGRGEAETRECIYYNANWELERTNQSGLERCEGEQDKRLHCYASWRNSSGTIELVKKGCWLDDFNFCYDRQECVATEENPQVYFCCCEGNFCNERFTHLPEAGGPEVTYEPPPTAPT
Protein Length	Partial
UniProt ID	Q13705
MW	41.3 kDa
Application notes	Partial
Endotoxins	Less than 1.0 EU/µg as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)

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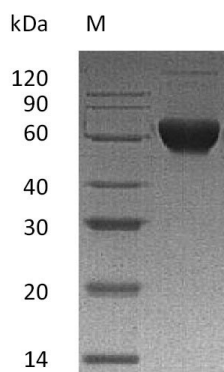
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Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human Activin A at 2µg/ml can bind Human ACVR2B-Fc-His, the ED50 of Recombinant Human ACVR2B-Fc-His is 50-500 ng/ml.
Expression Region	19-134aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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