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## Product Datasheet

### Recombinant Rat ALK-1/ACVRL1 Protein, Human ABB-RP01925

Article Name	Recombinant Rat ALK-1/ACVRL1 Protein, Human
Biozol Catalog Number	ABB-RP01925
Supplier Catalog Number	RP01925
Alternative Catalog Number	ABB-RP01925-500UG, ABB-RP01925-20UG, ABB-RP01925-50UG, ABB-RP01925-10UG, ABB-RP01925-100UG, ABB-RP01925-1000UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Rat
Immunogen	Lys21-Ala118
Product Description	ALK-1/ACVRL1, Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threoni...
Concentration	< 0.01 EU/µg of the protein by LAL method
Molecular Weight	36.97 kDa
NCBI	<a href="#">25237</a>
UniProt	<a href="#">P80203</a>
Purity	90 % as determined by SDS-PAGE.

Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Sequence	KGDLVKPSRGQLVNCTCENPHCKRPCQGAWCTVLVREQGRHPQVYRGCG SLNQELCLGRPTEFVNHHCCYRSFCNHNVSLMLEATQTPSEEPEVDA
Target	Acvrl1
Application Dilute	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein