

**Product Name: Recombinant Human ALK-1 (C-Fc)**  
**Catalog #: PHH1944**

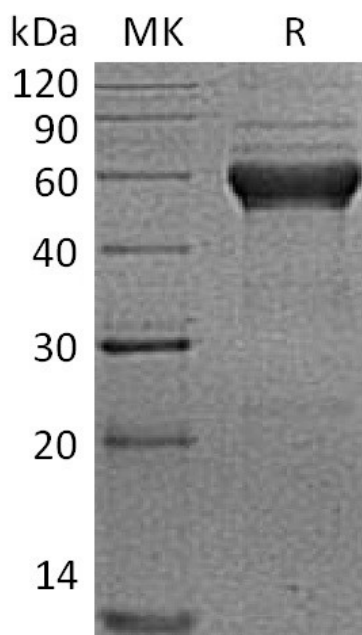


## Summary

<b>Name</b>	ALK-1/Activin Receptor-like Kinase 1/ACVRL1
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Activin Receptor-Like Kinase 1 is produced by our Mammalian expression system and the target gene encoding Asp22-Gln118 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	P37023
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	37.6 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### Alternative Names

Serine/Threonine-Protein Kinase Receptor R3; SKR3; Activin Receptor-Like Kinase 1; ALK-1; TGF- $\beta$  Superfamily Receptor Type I; TSR-I; ACVRL1; ACVRLK1; ALK1

### Background

Activin Receptor-Like Kinase 1 (ALK-1) is a type I cell-surface receptor for the TGF- $\beta$  superfamily of ligands. ALK-1 has a high degree of similarity in serine-threonine kinase subdomains, a glycine and serine rich region preceding the kinase-domain, and a C-terminal tail with other activin receptor-like kinase proteins. The mutations of ALK-1 are associated with Rendu-Osler-Weber syndrome 2, this suggests ACVRL1 is associated with blood vessel development and repair.

### Note

For Research Use Only , Not for Diagnostic Use.