

Recombinant Human ALK-1 Protein

Catalog No.: RP00978 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	94	P37023

Tags

C-6xHis

Synonyms

ACVRLK1;ALK-1;ALK1;HHT;HHT2;ORW2
;SKR3;TSR-I

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

Please contact us for more information.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a type I cell-surface receptor for the TGF-beta superfamily of ligands. It shares with other type I receptors a high degree of similarity in serine-threonine kinase subdomains, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. The protein, sometimes termed ALK1, shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases.

Basic Information

Description

Recombinant Human ALK-1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Asp22-Gln118) of human ALK-1 (Accession #NP_000011.2) fused with a 6xHis tag at the C-terminus.

Bio-Activity

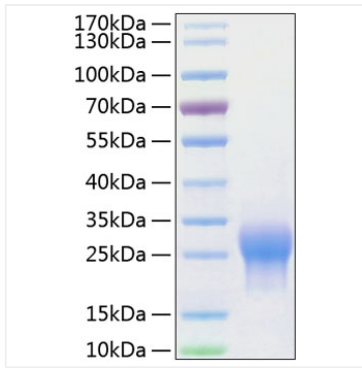
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Human ALK-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-30 kDa.