

Active Recombinant Human ALPG protein, mFc-tagged, Low Endotoxin

Cat. No. ALPG-325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALPG protein(P10696)(Ile20-Asp503), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-503 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Alkaline Phosphatase (Germ type), mFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-Alkaline Phosphatase Antibody, hFc Tag with the EC50 of 13.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 78.24 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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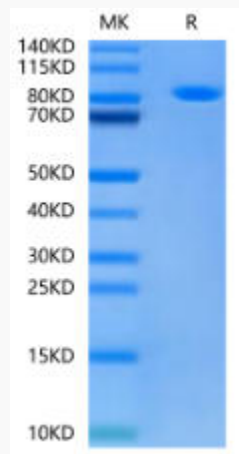
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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

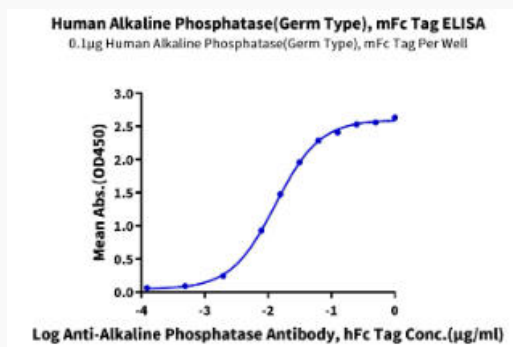
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data



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