

Recombinant Mouse Alpi protein, His-tagged

Cat. No. Alpi-1575M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Alpi protein(NP_001074551.1)(Ile21-Gly501), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	C-His
ProteinLength	Ile21-Gly501
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	
Molecular Mass	The protein has a predicted MW of 53.10 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name *Alpi* alkaline phosphatase, intestinal [*Mus musculus*]

Official Symbol *Alpi*

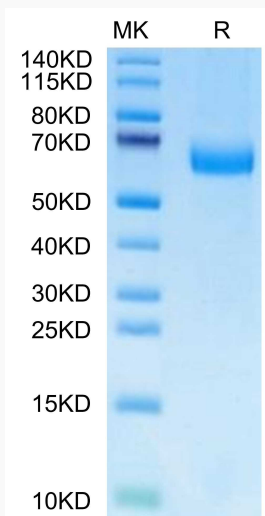
Synonyms

ALPI; alkaline phosphatase, intestinal; intestinal alkaline phosphatase; alkaline phosphatase 6; Akp6; gIAP; 2010001C14Rik;

Gene ID 76768

mRNA Refseq NM_001081082

Protein Refseq NP_001074551

Tris-Bis PAGE


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