

## Recombinant Mouse Alpi protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Alpi protein(NP_001074551.1)(Ile21-Gly501), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	C-His
<b>ProteinLength</b>	Ile21-Gly501
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE.
<b>Storage</b>	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* ]

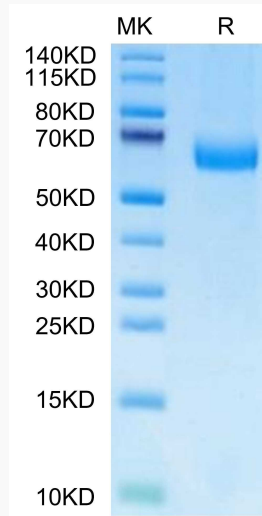
**Official Symbol** *Alpi*

**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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