

Recombinant Mouse ALPPL2 protein, His-tagged

Cat. No. ALPPL2-1576M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ALPPL2 protein(Val 19 - Ser 502), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val 19 - Ser 502
Form	Lyophilized from 0.22 µm filtered solution in 20mM Tris,150mM NaCl,pH 7.5 with trehalose as protectant.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 54.5 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Alpl2 alkaline phosphatase, placental-like 2 [Mus musculus]
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Official Symbol	ALPPL2
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Synonyms

ALPPL2; alkaline phosphatase, placental-like 2; embryonic-type alkaline phosphatase; alkaline phosphatase 5; embryonic alkaline phosphatase; EAP; Akp5; C77216; D1Ert816e;

Gene ID	11650
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mRNA Refseq	NM_007433
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Protein Refseq	NP_031459
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