

Recombinant Mouse Ear3 protein, His & T7-tagged

Cat. No. Ear3-1754M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ear3 aa. (Phe34~Val150 (Accession # O35290)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Phe34~Val150
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 10.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

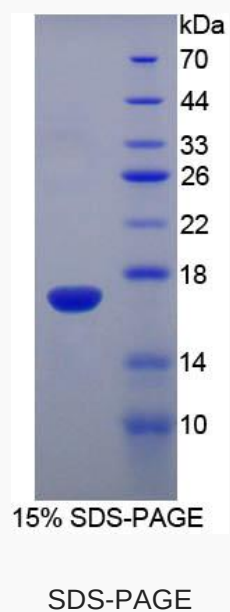
GENE INFORMATION

Gene Name	Ear3 eosinophil-associated, ribonuclease A family, member 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ear3
Synonyms	ACP6; acid phosphatase 6, lysophosphatidic; LPAP; ACPL1; PACPL1; lysophosphatidic acid phosphatase type 6; acid phosphatase-like protein 1
Gene ID	53876
mRNA Refseq	NM_017388.1
Protein Refseq	NP_059084.1
UniProt ID	O35290

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