

Recombinant Rat Ear11 protein, His & T7-tagged

Cat. No. Ear11-1755R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ear11 aa. (Trp33~Phe155 (Accession # P70709)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Trp33~Phe155
Description	Cationic protein with similarity to human ECP; also has similarity to human eosinophil-derived neurotoxin and human ribonuclease k6.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4kDa.
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

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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 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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Ear11 eosinophil-associated, ribonuclease A family, member 11 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ear11
Synonyms	Acp6; acid phosphatase 6, lysophosphatidic; ACPL1; mPACPL1; AU022842; 5730559A09Rik; lysophosphatidic acid phosphatase type 6; PACPL1; acid phosphatase like 1; acid phosphatase-like protein 1
Gene ID	192264
mRNA Refseq	NM_138902.1
Protein Refseq	NP_620257.1
UniProt ID	P70709

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