

Recombinant Mouse Plagl1 Protein, His-tagged

Cat. No. Plagl1-1946M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plagl1 Protein (Phe4-Met212) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe4-Met212
Description	Predicted to enable DNA-binding transcription activator activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Acts upstream of or within regulation of gene expression and skeletal muscle cell differentiation. Predicted to be located in Golgi apparatus and nuclear body. Is expressed in several structures, including alimentary system; brain; embryo mesenchyme; heart; and sensory organ. Orthologous to human PLAGL1 (PLAG1 like zinc finger 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2 kDa Accurate Molecular Mass: 30 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

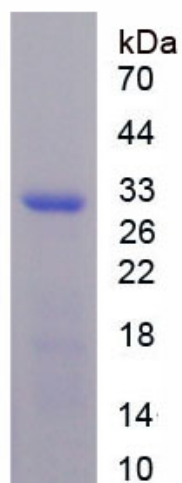
GENE INFORMATION

Gene Name	Plagl1 pleiomorphic adenoma gene-like 1 [Mus musculus (house mouse)]
Official Symbol	Plagl1
Synonyms	PLAGL1; pleiomorphic adenoma gene-like 1; zinc finger protein PLAGL1; zinc finger protein regulator of apoptosis and cell cycle arrest; Lot1; Zac1;
Gene ID	22634
mRNA Refseq	NM_009538
Protein Refseq	NP_033564
UniProt ID	Q9JLQ4

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