Recombinant Human PLAGL1 Protein, His-tagged

Cat. No. PLAGL1-752H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLAGL1(His226~Pro362) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His226~Pro362
Description	This gene encodes a C2H2 zinc finger protein that functions as a suppressor of cell growth. This gene is often deleted or methylated and silenced in cancer cells. In addition, overexpression of this gene during fetal development is thought to be the causal factor for transient neonatal diabetes mellitus (TNDM). Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding two different protein isoforms. The P1 downstream promoter of this gene is imprinted, with preferential expression from the paternal allele in many tissues.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	15.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
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.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PLAGL1 pleiomorphic adenoma gene-like 1 [Homo sapiens]
Official Symbol	PLAGL1
Synonyms	PLAGL1; pleiomorphic adenoma gene-like 1; zinc finger protein PLAGL1; LOT1; ZAC; LOT-1; PLAG-like 1; ZAC tumor supressor; tumor supressor ZAC; lost on transformation 1; pleiomorphic adenoma-like protein 1; pleiomorphic adenoma gene-like protein 1; ZAC1; MGC126275; MGC126276; DKFZp781P1017;
Gene ID	5325
mRNA Refseq	NM_001080951
Protein Refseq	NP_001074420
MIM	603044

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UniProt ID	Q9UM63

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