

Recombinant Discs, Large Homolog 4 (DLG4) Instruction Manual

SIPG497Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	46.1kDa
Accurate Molecular Mass	76kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ser393 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MSQRPRAPRS ALWLLAPLL RWAPLLTVL HSDLFQALLD ILDYEEACIS  
ESQKYRYQDE DTPPLEHSPA HLPNQANSPP VIVNTDTLEA PGYELQVNGT  
EGEMEYEEIT LERGNSGLGF SIAGGTDNPH IGDDPSIFIT KIIPGGAAAQ  
DGRLRVNDSI LFNVEVDVRE VTHSAAVEAL KEAGSIVRLY VMRRKPPAEK  
IIEIKLIKGP KGLGFSIAGG VGNQHIPGDN SIYVTKIIEG GAAHKDGRLQ  
IGDKILAVNS VGLEDVMHED AVAALKNTYD VVYLKVAKPS NAYLSDSYAP  
PDITTSYSQH LDNEISHSSY LGTDYPTAMT PTSPPRRYSPV AKDLLGEEDI  
PREPRRIVIH RGSTGLGFNI VGGEDGEGIF ISFILAGGPA DLS
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°C 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.

Image

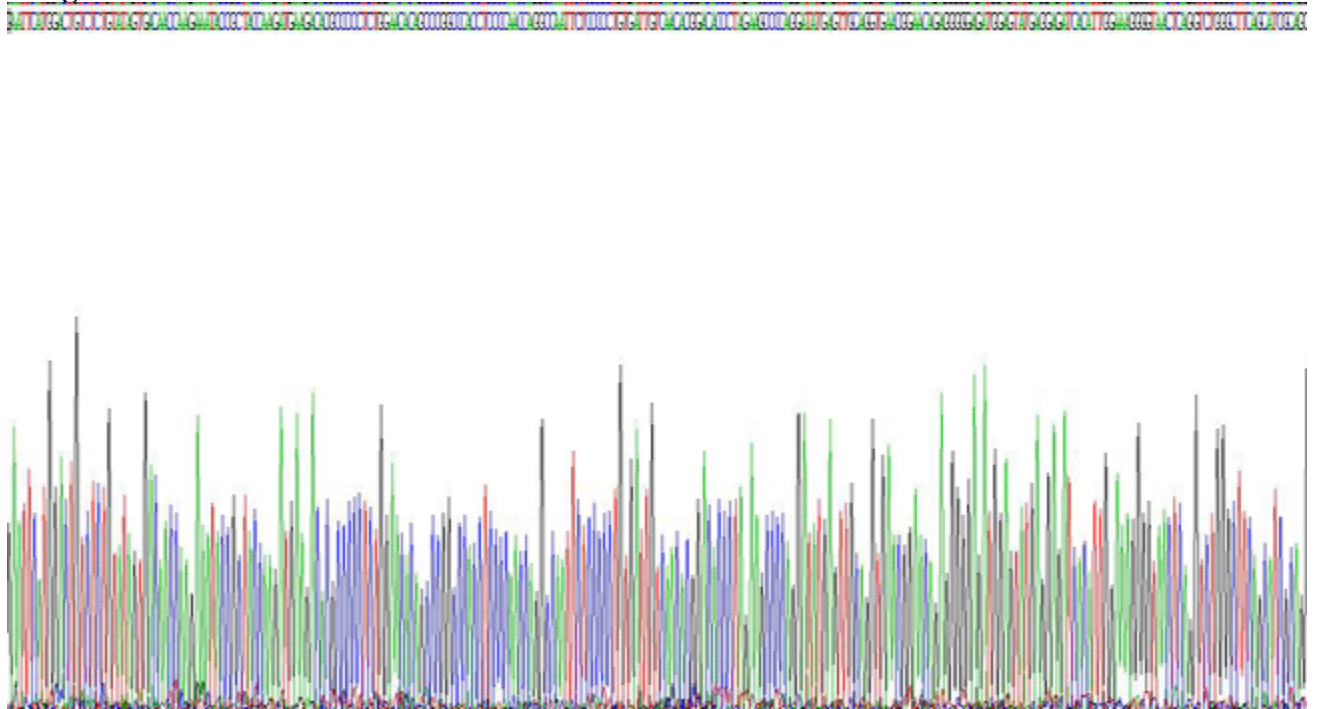


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.