Recombinant Alanine Aminotransferase (ALT) Instruction Manual

SIPA335Mu02

Mus musculus (Mouse)

Source	Prokaryotic expression			
Host	E.coli			
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)			
Subcellular Location	Cytoplasm			
Predicted Molecular Mass	58.7kDa			
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)			
Residues & Tags	Ala2~Ser496 with N-terminal His Tag			
Buffer Formulation	Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.			
Traits	Freeze-dried powder			
Purity	> 90%			
Isoelectric Point	6.6			
Applications	lications Positive Control; Immunogen; SDS-PAGE; WB.			

SEQUENCE

ASQRNDRIQ	ASRNGLKGKV	LTLDTMNPCV	RRVEYAVRGP	IVQRALELEQ
ELRQGVKKPF	TEVIRANIGD	AQAMGQRPIT	FFRQVLALCV	YPNLLSSPDF
PEDAKRRAER	ILQACGGHSL	GAYSISSGIQ	PIREDVAQYI	ERRDGGIPAD
PNNIFLSTGA	SDAIVTMLKL	LVAGEGRART	GVLIPIPQYP	LYSAALAELD
AVQVDYYLDE	ERAWALDIAE	LRRALCQARD	RCCPRVLCVI	NPGNPTGQVQ
TRECIEAVIR	FAFEEGLFLM	ADEVYQDNVY	AEGSQFHSFK	KVLTEMGPPY
ATQQELASFH	SVSKGYMGEC	GFRGGYVEVV	NMDAEVQKQM	AKLMSVRLCP
PVPGQALMGM	VVSPPTPSEP	SFKQFQAERQ	EVLAELAAKA	KLTEQVFNEA
PGIRCNPVQG	AMYSFPQIQL	PLKAVQRAQD	LGLAPDMFFC	LCLLEETGIC
VVPGSGFGQQ	EGTYHFRMTI	LPPMEKLRVL	LEKLRHFHAK	FTHEYS

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.



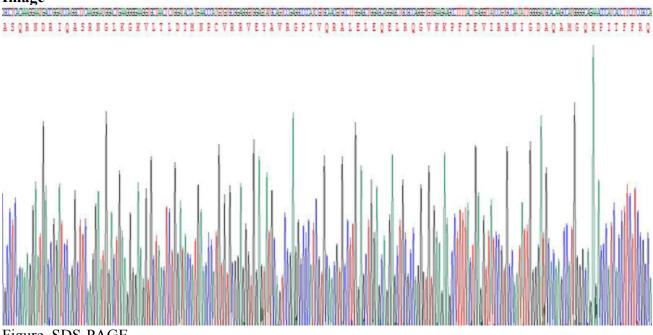


Figure. SDS-PAGE

[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.