

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	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	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ASQRNDRIQ ASRNLKGGKV LTLDTMNPCV RRVEYAVRGP IVQRALELEQ  
ELRQGVKKPF TEVIRANIGD AQAMGQRPIT FFRQVLALCV YPNLLSSPDF  
PEDAKRRAER ILQACGGHSL GAYSISSGIQ PIREQVAQYI ERRDGGIPAD  
PNNIFLSTGA SDAIVTMLKL LVAGEGRART GVLIPQYP LYSAAEAELD  
AVQVDYYLDE ERAWALDIAE LRRALCQARD RCCPRVLCVI NPGNPTGQVQ  
TRECIEAVIR FAFEEGLFLM ADEVYQDNVY AEGSQFHSFK KVLTEMGPPY  
ATQQELASFH SVSKGYMGEC GFRGGYVEVV NMDAEVQKQM AKLMSVRLCP  
PVPQALMGM VVSPPTPSEP SFKQFQAERQ EVLAELAACA KLTEQVFNEA  
PGIRCNPVQG AMYSFPQIQL PLKAVQRAQD LGLAPDMFFC LCLLEETGIC  
VVPGSGFGQQ EGTYHFRMTI LPPMEKLRVL LEKLRHFHAK FTHEYS
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USAGE

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.