

Recombinant Integrin Alpha 6 (ITGa6) Instruction Manual

SIPB724Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	54.1kDa
Accurate Molecular Mass	56kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe24~Asn478 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	> 97%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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FNLDTRE DNVIRKYGDP GSLFGFSLAM
HWQLQPEDKR LLLVGAPRAE ALPLQRANRT GGLYSCDITA RGPCTRIEFD
NDADPTSESK EDQWMGVTVQ SQPGGKVVV CAHRYEKRQH VNTKQESRDI
FGRCYVLSQN LRIEDDMDGG DWSFCDGRLR GHEKFGSCQQ GVAATFTKDF
HYIVFGAPGT YNWKGIVRVE QKNNTFFDMN IFEDGPYEVG GETEHDESLV
PVPANSYLGL LFLTSVSYTD PDQFVYKTRP PREQPDTFPD VMMNSYLGFS
LD SGKGIVSK DEITFVSGAP RANHSGAVVL LKRDMKSAHL LPEHIFDGEG
LASSFGYDVA VVDLNKDGWQ DIVIGAPQYF DRDGEVGGAV YVYMNQQGRW
NNVKPIRLNG TKDSMFIAV KNIGDINQDG YPDIAVGAPY DDLGKVFIIYH
GSANGINTKP TQVLKGISPY FGYSIAGN
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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.

Image

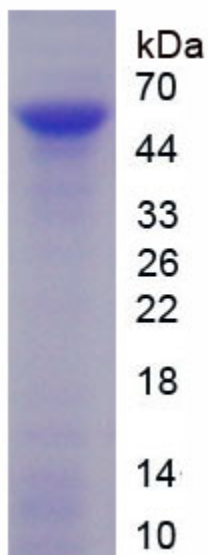


Figure. SDS-PAGE

[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.