

# Recombinant Integrin Beta 5 (ITGb5) Instruction Manual

## SIPC494Mu01

### Mus musculus (Mouse)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane; Single-pass type I membrane prote
<b>Predicted Molecular Mass</b>	31.2kDa
<b>Accurate Molecular Mass</b>	n/a(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Tyr136~Ile378 (Accession # O70309) with
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	6.5
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### USAGE

Reconstitute in PBS or others.

### 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.

