



RPB685Mu01 10 μ g
Recombinant Integrin Alpha M (ITGaM)
Organism Species: *Mus musculus* (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Asn248~Gly430

Tags: N-terminal His-Tag

Tissue Specificity: Kidney.

Subcellular Location: Membrane; Single-pass type I membrane protein.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.7

Predicted Molecular Mass: 21.2kDa

Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

NAA

KILVVITDGE KFGDPLDYKD VIPEADRAGV IRYVIGVGNA FNKPQSRREL
DTIASKPAGE HVFQVDNFEA LNTIQNQLQE KIFAIEGTQT GSTSSFEHEM
SQEGFSASIT SNGPLLGSVG SFDWAGGAFI YTSKDKVTFI NTTRVDSMDN
DAYLGYASAV ILRNRVQSLV LGAPRYQHIG

[IDENTIFICATION]

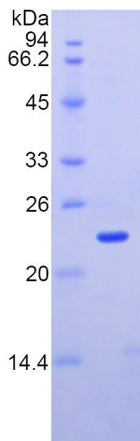


Figure 1. SDS-PAGE