

RPB287Ra01 100µg

Recombinant Integrin Alpha 5 (ITGa5)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)



[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Asp516~Cys971

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

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: 6.0

Predicted Molecular Mass: 53.9kDa

Accurate Molecular Mass: 54&29kDa 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.

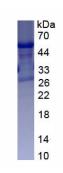
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]



DGNGY PDLIVGSFGV DKALVYRGRP IISASASLTI FPSMFNPEER SCSLEGNPVS
CINLSFCLNA SGKHVPNSIG FEVELQLDWQ KQKGGVRRAL FLASKQATLT
QTLLIQNGAR EDCREMKIYL RNESEFRDKL SPIHIALNFS LDPKAPMDSH
GLRPVLHYQS KSRIEDKAQI LLDCGEDNIC VPDLQLAVYG EKKHVYLGDK
NALNLTFLAQ NLGEGGAYEA ELRVTAPLEA EYSGLVRHPG NFSSLSCDYF
AVNQSRQLVC DLGNPMKAGT SIWGGLRFTV PHLQDTKKTI QFDFQILSKN
LNNSQSNMVS FPLSVEAQAQ VSLNGVSKPE AVIFPVSDWN PQDQPQKEGD
LGPAVHHVYE LINQGPSSIS QGVLEISCPQ ALEGQQLLYV TKVTGLNNCT
SNYTPNSQGL ELDPEVSPHH LQRREAPGRS STTSGTQVLK CPEAKCFRLR C

[IDENTIFICATION]



[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.