Recombinant Integrin Alpha 7 (ITGa7) Instruction Manual

SIPC063Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Membrane, Secreted

Predicted Molecular Mass 36.9kDa

Accurate Molecular Mass 37kDa(Analysis of differences refer to the manual)

Residues & Tags Arg648~Ser952 with N-terminal His Tag

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

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 5.0

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

SEQUENCE

PGQGLPPVAP ILNAHQPSTQ RAEIHFLKQG CGEDKICQSN LQLVRARFCT
RVSDTEFQPL PMDVDGTTAL FALSGQPVIG LELMVTNLPS DPAQPQADGD
DAHEAQLLVM LPDSLHYSGV RALDPAEKPL CLSNENASHV ECELGNPMKR
GAQVTFYLIL STSGISIETT ELEVELLLAT ISEQELHPVS ARARVFIELP
LSIAGMAIPQ QLFFSGVVRG ERAMQSERDV GSKVKYEVTV SNQGQSLRTL
GSAFLNIMWP HEIANGKWLL YPMQVELEGG QGPGQKGLCS PRPNILHLDV
DS

USAGE

Reconstitute in 10mM PBS (pH7.4) 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

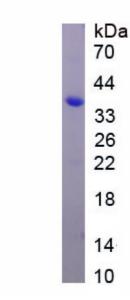


Figure. SDS-PAGE

[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.