Recombinant A Disintegrin And Metalloproteinase With Thrombospondin 5 (ADAMTS5) Instruction Manual

SIPK938Ra01

Rattus norvegicus (Rat)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationSecretedPredicted Molecular Mass42.9kDa

Accurate Molecular Mass 43kDa(Analysis of differences refer to the manual)

Residues & Tags Arg267~Asn622 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL,

5% Trehalose.

Traits Freeze-dried powder

Purity > 97% Isoelectric Point 7.3

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

SEQUENCE

RQVE LLLVADSSMA KMYGRGLQHY LLTLASIANR
LYSHASIENH IRLAVVKVVV LTDKSLEVSK NAATTLKNFC KWQHQHNQLG
DDHEEHYDAA ILFTREDLCG HHSCDTLGMA DVGTICSPER SCAVIEDDGL
HAAFTVAHEI GHLLGLSHDD SKFCEENFGS TEDKRLMSSI LTSIDASKPW
SKCTSATITE FLDDGHGNCL LDVPRKQILG PEELPGQTYD ATQQCNLTFG
PEYSVCPGMD VCARLWCAVV RQGQMVCLTK KLPAVEGTPC GKGRICLQGK
CVDKTKKKYY STSSHGNWGS WGPWGQCSRS CGGGVQFAYR HCNNPAPRNS

GRYCTGKRAI YRSCSVIPCP PN

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

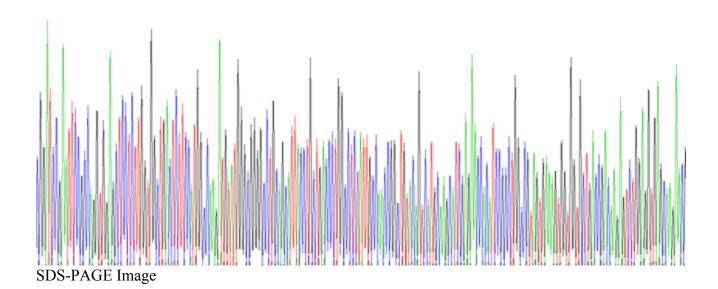
STORAGE

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



[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. |
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