

RPA733Hu01 50µg
Recombinant Mannose Receptor C Type 2 (MRC2)
Organism Species: Homo sapiens (Human)
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: Pro41~Lys505

Tags: N-terminal His-Tag

Tissue Specificity: Lung, Kidney.

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

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose 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: 5.1

Predicted Molecular Mass: 56.6kDa

Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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]

PNVFLIFSHG
 LQGCLEAQQG QVRVTPACNT SLPAQRWKWV SRNRLFNLGT MQCLGTGWPG
 TTTASLGMV ECDREALNLR WHCRTLGDQL SLLLGARTSN ISKPGTLERG
 DQTRSGQWRI YGSEEDLCAL PYHEVYTIQG NSHGKPCITP FKYDNQWFHG
 CTSTGREDGH LWCATTQDYG KDERWGFCEI KSNDCEFTWD KDQLTDSCYQ
 FNFQSTLSWR EAWASCEQQG ADLLSITEIH EQTYINGLLT GYSSTLWIGL
 NDLDTSGGWQ WSDNSPLKYL NWESDQPDNP SEENCGVIRT ESSGGWQNRD
 CSIALPYVCK KKPNTAEPT PPDRWANVKV ECEPSWQPFQ GHCYRLQAEK
 RSWQESKKAC LRGGGDLVSI HSMAELEFIT KQIKQEVEEL WIGLNDLKLQ
 MNFEWSDGSL VSFTHWHPFE PNNFRDSLED CVTIWGPEGR WNDSPCNQSL
 PSICK

[IDENTIFICATION]

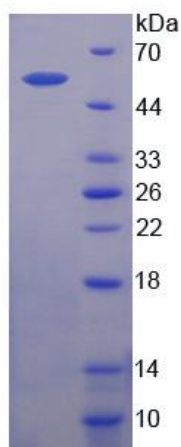


Figure 1. SDS-PAGE