

RPA733Hu01 100µg

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

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Pro41~Lys505

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q9UBG0

Host: *E. coli*

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

Purity: >90%

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

Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.1

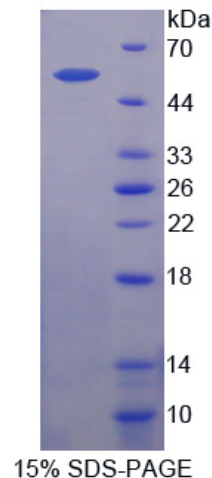
Predicted Molecular Mass: 56.6kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.



[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

PNVFLIFSHG LQGCLEAQQG QVRVTPACNT SLPAQRWKWV SRNRLFNLGT
MQCLGTGWPG TTTASLGM Y ECDREALNLR WHCRTLGDQL SLLLGARTSN ISKPGTLERG
DQTRSGQWRI YGSEEDLCAL PYHEVYTIQG NSHGKPC TIP FK YDNQWFHG CTSTGREDGH
LWCATTQDYG KDERWGF C PI KSNDCE T FWD KDQLT D SCYQ FNFQSTLSWR
EAWASCEQQG ADLLSITEIH EQTYINGLLT GYSSTLWIGL NDLDTSGGWQ WSDNSPLKYL
NWESDQPDNP SEENCGVIRT ESSGGWQNRD CSIALPYVCK KKP NATAEPT
PPDRWANVKV ECEPSWQPFQ GH CYRLQAEK RSWQESKKAC LRG GGD LVSI
HSM AELEFIT KQIKQEVEEL WIGLNDLKLQ MNFEWSDGSL VSFTHWHPFE PNNFRD SLED
CVTIWGPEGR WNDSPCNQSL PSICK