

RPH730Hu01 100µg

Recombinant Lectin, Mannose Binding 2 (LMAN2)

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: Asp45~Arg322

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

Accession: Q12907

Host: *E. coli*

Subcellular Location: Endoplasmic

reticulum-Golgi intermediate compartment

membrane. Single-pass type I membrane protein.

Golgi apparatus membrane. Single-pass membrane

protein. Endoplasmic reticulum membrane.

Purity: >95%

Endotoxin Level: <1.0EU per 1µg

(determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS,

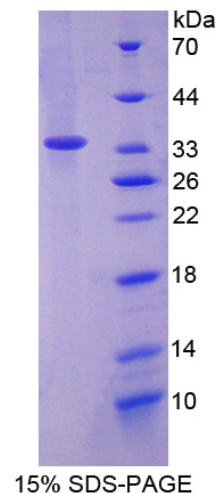
pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.6

Predicted Molecular Mass: 35.4kDa

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.

DITDGN SEHLKREHSL IKPYQGVGSS SMPLWDFQGS TMLTSQYVRL TPDERSKEGS
IWNHQPCFLK DWEMHVHFKV HGTGKKNLHG DGIALWYTRD RLVPGPVFGS KDNFHGLAIF
LDTYPNDETT ERVFPYISVM VNNGSLSYDH SKDGRWTELA GCTADFRNRD HDTFLAVRYS
RGRLTVMTDL EDKNEWKNCI DITGVRLPTG YYFGASAGTG DLSDNHDIIIS MKLFQLMVEH
TPDEESIDWT KIEPSVNFLK SPKDNVDDPT GNFRSGPLTG WR