

RPH689Hu01 1mg
Recombinant Mannosidase Alpha Class 1A Member 1 (MAN1A1)
Organism Species: *Homo sapiens (Human)*
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ile322~Glu653

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane, Golgi apparatus

Purity: > 95%

Traits: Freeze-dried powder

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

Original Concentration: 400µg/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: 5.8

Predicted Molecular Mass: 68.1kDa

Accurate Molecular Mass: 68kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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.

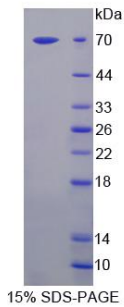
Aliquot and store at -80°C for 12 months.

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]

IPWALLNMK SGIGRNWPWA SGGSSILAEF
GTLHLEFMHL SHLSGNPIFA EKVMNIRTVL NKLEKPQGLY PNYLNPSSGQ
WGQHHVSVGG LGDSFYEYLL KAWLMSDKTD LEAKKMYFDA VQAIETHLIR
KSSSGLTYIA EWKGGLEHK MGHLTCFAGG MFALGADAAP EGMAQHYLEL
GAEIARTCHE SYNRTFMKLG PEAFRFDGGV EAIATRQNEK YYILRPEVME
TYMYMWRLTH DPKYRKWAVE AVEALENHCR VNGGYSGLRD VYLLHESYDD
VQQSFFLAET LKYLILIFSD DDLLPLEHWI FNSEHLLPI LPKDKKEVEI
REE

[IDENTIFICATION]



[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.