

RPA842Hu01 100µg
Recombinant Lipoprotein, a (Lpa)
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: Asp4227~Arg4546

Tags: N-terminal His-Tag

Purity: >99%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 8.4

Predicted Molecular Mass: 39.1kDa

Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

			DCMF	GNGKGYRGKK	ATTVTGTPCQ
EWAAQEPHRH	STFIPGTNKW	AGLEKNYCRN	PDGDINGPWC	YTMNPRKLFD	
YCDIPLCASS	SFDCGKPQVE	PKKCPGSIVG	GCVAHPHSWP	WQVSLRTRFG	
KHFCGGTLIS	PEWVLTAABC	LKKSSRPSSY	KVILGAHQEV	NLESHVQEIE	
VSRLFLEPTQ	ADIALLKLSR	PAVITDKVMP	ACLPSPDYMV	TARTECYITG	
WGETQGTFGT	GLLKEAQLLV	IENEVCNHYK	YICAEHLARG	TDSCQGDSGG	
PLVCFEKDKY	ILQGVTSWGL	GCARPKNKPGV	YARVSRFVTW	IEGMMR	

[IDENTIFICATION]

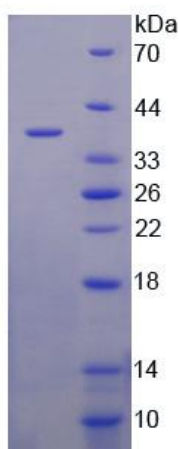


Figure 1. SDS-PAGE