

RPB065Hu02 100µg
Recombinant Alanine Aminopeptidase (AAP)
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: Tyr33~Gly480

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

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: 5.0

Predicted Molecular Mass: 53.5kDa

Accurate Molecular Mass: 54kDa 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**]

			YSQEKKNK	ANSSPVASTT
PSASATTNPA	SATTLDQSKA	WNRYLRLPNTL	KPDSYRVTLR	PYLTPNDRGL
YVFKGSSTVR	FTCKEATDVI	IIHSKKLNYT	LSQGHRVVL	GVGGSQPPDI
DKTELVEPTE	YLVVHLKGS	VKDSQYEMDS	EFEGELADDL	AGFYRSEYME
GNVRKVVATT	QMQAADARKS	FPCFDEPAMK	AEFNITLIHP	KDLTALSML
PKGPSTPLPE	DPNWNVTEFH	TTPKMSTYLL	AFIVSEFDYV	EKQASNGVLI
RIWARPSAIA	AGHG DYALNV	TGPILNFFAG	HYDTPYPLPK	SDQIGLPDFN
AGAMENWGLV	TYRENSLLFD	PLSSSSSNKE	RVVTVIAHEL	AHQWFGNLVT
IEWWDLWLN	EGFASYVEYL	GADYAEPTWN	LKDLMLNDV	YRVMAVDALA
SSHPLSTPAS	EINTPAQISE	LFDAISYSKG		

[IDENTIFICATION]

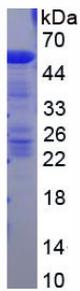


Figure. SDS-PAGE

[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.