

RPE206Hu01 50µg

Recombinant Puromycin Sensitive Aminopeptidase (PSA)

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: Gly584~Gln793
Tags: N-terminal His-Tag

Tissue Specificity: Liver, Kidney, Stomach.

Subcellular Location: Cytoplasm, cytosol, Nucleus.

**Purity: >92%** 

Traits: Freeze-dried powder

Buffer formulation: 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose and

0.01% sarcosyl.

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: 6.0

Predicted Molecular Mass: 24.7kDa

Accurate Molecular Mass: 25kDa 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]

GTVGFYR TQYSSAMLES

LLPGIRDLSL PPVDRLGLQN DLFSLARAGI ISTVEVLKVM EAFVNEPNYT VWSDLSCNLG ILSTLLSHTD FYEEIQEFVK DVFSPIGERL GWDPKPGEGH LDALLRGLVL GKLGKAGHKA TLEEARRRFK DHVEGKQILS ADLRSPVYLT VLKHGDGTTL DIMLKLHKQA DMQEEKNRIE RVLGATLLPD LIQ

# [ IDENTIFICATION ]

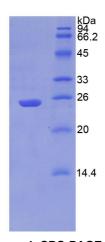


Figure 1. SDS-PAGE