TZYBIO

Recombinant Metallopeptidase AprA (APRA)

Catalog No.: TP10171   100μg

Sequence Information

Species: PSEMA

Gene ID:

Swiss Prot: A0A0C5CJR8

Synonyms: aprA

Residues: Gln21-Ala477

QIDSFSHLYDRGGNLTINGKPSYTVDQAATQLLRDGAAYRDFDGNGKIDLTYTF

LTSASSSTMNKHGISGFSQFNAQQKAQAALAMQSWSDVANVTFTEKASGGDGHM

TFGNYSSGQDGAAAFAYLPGTGAGYDGTSWYLTNNSYTPNKTPDLNNYGRQTLT

HEIGHTLGLAHPGDYNAGEGAPTYNDATYGQDTRGYSLMSYWSESNTNQNFSKG

GVEAYASGPLIDDIAAIQKLYGANYNTRAGDTTYGFNSNTGRDFLSATSNADKL

VFSVWDGGGNDTLDFSGFTQNQKINLNEASFSDVGGLVGNVSIAKGVTIENAFG

GAGNDLIIGNNAANVIKGGAGNDLIYGAGGADQLWGGAGNDTFVFGASSDSKPG

AADKIFDFTSGSDKIDLSGITKGAGLTFVNAFTGHAGDAVLTYAAGTNLGTLAV

DFSGHGVADFLVTTVGQAAVSDIVA

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted .

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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: 4.3

Predicted Molecular Mass: 48.7kDa

Accurate Molecular Mass: 49kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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 37ºC 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.
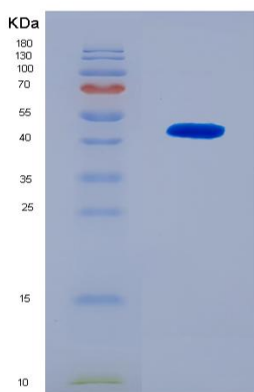
[IDENTIFICATION]

Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.