

RPC744Hu01 100µg

Recombinant Peptidylglycine Alpha Amidating Monooxygenase (PAM)

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: Phe21~Cys288

Tags: N-terminal His-Tag

Tissue Specificity: Thyroid carcinoma, Heart, Thalamus, Lung, Kidney.

Subcellular Location: Membrane. Secreted.

Purity: >94%

Traits: Freeze-dried powder

Buffer formulation: 100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.8

Predicted Molecular Mass: 33.7kDa

Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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]

		FRSPLSVFKR	FKETTRPFSN	ECLGTTRPVV
PIDSSDFALD	IRMPGVTPKQ	SDTYFCMSMR	IPVDEEAFVI	DFKPRASMDT
VHHMLLFGCN	MPSSTGSYWF	CDEGTCTDKA	NILYAWARNA	PPTRLPKGVG
FRVGGETGSK	YFVLQVHYGD	ISAFRDNNKD	CSGVSLHLTR	LPQPLIAGMY
LMMSVDTVIP	AGEKVVNSDI	SCHYKNYPMH	VFAYRVHTHH	LGKVVSGYRV
RNGQWTLIGR	QSPQLPQAFY	PVGHPVDVSF	GDLLAARC	

[IDENTIFICATION]

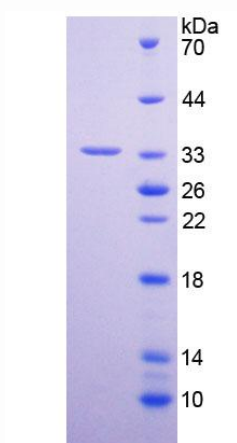


Figure 1. SDS-PAGE