

Peptidylglycine Alpha Amidating Monooxygenase Recombinant Protein | PAM recombinant protein

Recombinant Peptidylglycine Alpha Amidating Monooxygenase (PAM)

CATALOG # AAA145423	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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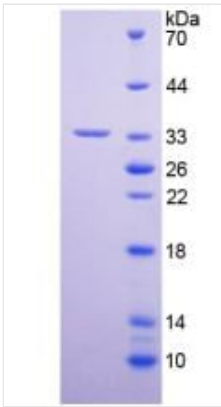
PRODUCT SYNONYMS

Peptidylglycine Alpha Amidating Monooxygenase; Recombinant Peptidylglycine Alpha Amidating Monooxygenase (PAM); PAL; PHM; Peptidylamidoglycolate lyase; Peptidyl-Alpha-hydroxyglycine Alpha-amidating Lyase; Peptidylglycine Alpha-Hydroxylating Monooxygenase; PAM recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 95%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for PAM recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Phe21~Cys288
Tags	N-terminal His Tag
Traits	Freeze-dried powder
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 NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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.

IMAGES



Sequence

PIDSSDFALD	IRMPGVTPKQ	SDTYFCMSMR	IPVDEEAFVI	DFKPRASMDT
VHHMLLFGCN	MPSSTGSYWF	CDEGTCTDKA	NILYAWARNA	PPTRLPKGVG
FRVGGETGSK	YFVLQVHYGD	ISAFRDNNKD	CSGVSLHLTR	LPQPLIAGMY
LMMSVDVIP	AGEKVVNSDI	SCHYKNYPMH	VFAYRVHTHH	LGKVVSGYRV
RNGQWTLIGR	QSPQLQAFY	PVGHPVDVSF	GDLLAARC	

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	2661085
NCBI Official Full Name	peptidylglycine alpha-amidating monooxygenase, partial
UniProt Protein Name	Peptidyl-glycine alpha-amidating monooxygenase
UniProt Gene Name	PAM
UniProt Synonym Gene Names	PAM; PHM; PAL
UniProt Entry Name	AMD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pam-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145423>