

Recombinant Human PAM Protein, Fc-tagged

Cat. No. PAM-559H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PAM (NP_620176.1) (Met1-Val710) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-710 a.a.
Predicted N Terminal	Phe 21
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human PAM consists 928 amino acids and predicts a molecular mass of 104 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PAM peptidylglycine alpha-amidating monooxygenase [Homo sapiens]

Official Symbol PAM

Synonyms PAM; peptidylglycine alpha-amidating monooxygenase; peptidyl-glycine alpha-amidating monooxygenase; PAL; peptidyl alpha hydroxyglycine alpha amidating lyase; peptidylglycine alpha hydroxylating monooxygenase; PHM; peptidylamidoglycolate lyase; peptidylglycine 2-hydroxylase; peptidyl alpha-amidating enzyme; peptidylglycine alpha-hydroxylating monooxygenase; peptidyl-alpha-hydroxyglycine alpha-amidating lyase; pancreatic peptidylglycine alpha-amidating monooxygenase;

Gene ID 5066

mRNA Refseq NM_000919

Protein Refseq NP_000910

MIM 170270

UniProt ID P19021

Chromosome Location 5q

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