

Recombinant Human PAM Protein, His-tagged

Cat. No. PAM-560H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAM Protein(NP_620176.1) (Met1-Val710) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-710 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human PAM consists 701 amino acids and predicts a molecular mass of 78.68 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000910.2
Unit ID	P19021
Unit ID-Weblink	https://www.uniprot.org/uniprot/P19021
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