

## Recombinant Human PAM Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PAM Protein(NP_620176.1) (Met1-Val710) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-710 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant human PAM consists 701 amino acids and predicts a molecular mass of 78.68 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
<b>Storage</b>	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.
<b>Reconstitution</b>	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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<b>protein Refseq-Weblink</b>	<a href="http://www.ncbi.nlm.nih.gov/protein/NP_000910.2">http://www.ncbi.nlm.nih.gov/protein/NP_000910.2</a>
<b>Unit ID</b>	P19021
<b>Unit ID-Weblink</b>	<a href="https://www.uniprot.org/uniprot/P19021">https://www.uniprot.org/uniprot/P19021</a>

## GENE INFORMATION

<b>Gene Name</b>	PAM peptidylglycine alpha-amidating monooxygenase [ Homo sapiens ]
<b>Official Symbol</b>	PAM
<b>Synonyms</b>	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;
<b>Gene ID</b>	5066
<b>mRNA Refseq</b>	<a href="#">NM_000919</a>
<b>protein Refseq</b>	NP_000910
<b>MIM</b>	170270