

Eukaryotic Peptidylglycine Alpha Amidating Monooxygenase (PAM) Instruction Manual

SFPC311Ra61

Rattus norvegicus (Rat)

Source	Eukaryotic expression
Host	293F Cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	77.7kDa
Accurate Molecular Mass	88kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe36~Val820 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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IGPVTPLDAS DFALDIRMPG VTPKESDTYF CMSMRLPVDE EAFVIDFKPR
ASMDTVHHML LFGCNMPSST GSYWFCDEGT CTDKANILYA WARNAPPTRL
PKGVGFRVGG ETGSKYFVLQ VHYGDISA FR DNHKDCSGVS VHLTRVPQPL
IAGMYLMMSV DTVIPPGEKV VNADISCQYK MYPMHVFAYR VHTHHLGKVV
SGYRVRNGQW TLIGRQNPQL PQAFYPVEHP VDVTFGDILA ARCVFTGEGR
TEATHIGGTS SDEMCNLYIM YYMEAKYALS FMTCTKNVAP DMFRTIPAEA
NIPIPVKPDM VMMHGHHKEA ENKEKSALMQ QPKQGEEVLE EQDFHVEEEL
DWPGVYLLPG QVSGVALDSK NNLVIFHRGD HWWDGNSFDS KVVYQQRGLG
PIEEDTILVI DPNNAEILQS SGKNLFYLPH GLSIDTDGNY WTDVALHQV
FKLDPHSKEG PLLILGRSMQ PGSDQNHFCQ PTDVAVEPST GAVFVSDGYC
NSRIVQFSPS GKFTVQWEE SSGSSPRPGQ FSVPHSLALV PHLDQLCVAD
RENGRIQCFK TDTKEFVREI KHASFGRNVF AISYIPGFLF AVNGKPYFGD
QEPVQGFVMN FSSGEIIDVF KPVRKHFDMP HDIVASEDGT VYIGDAHTNT
VWKFTLTEKM EHRSV
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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.