

Recombinant *Pseudomonas aeruginosa* VRFPA03 katE protein, His-tagged

Cat. No. katE-028P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Pseudomonas aeruginosa</i> VRFPA03 katE protein(W1MIJ7)(715aa), fused with His Tag, was expressed in <i>E. coli</i> .
Species	<i>Pseudomonas aeruginosa</i>
Source	<i>E. coli</i>
ProteinLength	715aa
Form	50mM Tris, 150mM NaCl ,10% Glycerol, pH8.0
Molecular Mass	78.7kDa
AA Sequence	MHHHHHHSEQ NNEQRSQAAG TDTVDRGNSN AKLEQLEAYR EDATGEALST NTGTRIADNQ NTLKAGERGP SLLED FIMRE KITHFDHERI PERVVHARGS AAHGYFEAYE DLSDLTKAGF LAEAGKRTPV FVRFSTVQGP RGSADTVRDV RGFAVKFYTD EGNFDLVGNN MPVFFIQDAI KFPDFVHAVK PEPHNEIPTG ASAHDTFWDF VSLTPESAHM VMWLMSDRAI PIAYRNMQGF GVHTFRLVNA AGESVLVKFH WRPKSGTCSL VWDEAQKLAG KDPDFNRRTL WEDIEKGDYP EWELGLQVIP ENQQDSFDFD LLDPTKLVPE ELVPVRVVGR MVLNRNPDNF

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FAETEQVAFH
 VGHLVPGIDF TNDPLLQGRL FSYTDTQLLR LSGPNFNEIP INRPLCPFHN
 NQRDAPHRQT
 INRGRASYEP NSIDGGWPKE TPPAARNGGF SSYHEPVSGS KLRKRADSFA
 DHFSQAALFW
 HSMSEAEQAH IVAAYSFELS KVERQSIRER EVNQILLNID PQLAARVAAN
 VGVQLAAPAN
 PAPQPKPSPA LSQMNLLSGD IRSRKVAILI ADGVAESDVS DLRDALRQEG
 ADAKLIAPSA
 SPVQAENGAE LSPEGTWDGL PSVAFDAVFV PGGAASSQAI GADGRGLHYL
 LEAYKHLKPV
 AFAGDAQALA SQLSLPGDPG VVLGATATDV FPGLRQALMQ HRIWQREAAT
 KAIPA

Endotoxin < 1EU/μg

Purity >95%(SDS-PAGE & RP-HPLC)

Storage If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C. Avoid multiple freeze-thaws.

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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