



Recombinant Type-2 restriction enzyme Sau3AI (sau3AIR)

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|--------------------------|---|
| Product Code | CSB-EP325844FKZ |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P16667 |
| Product Type | Recombinant Protein |
| Immunogen Species | Staphylococcus aureus |
| Purity | >85% (SDS-PAGE) |
| Sequence | MESYLTKQAV HNRAKEAVGK SVLELNGGES IKQSKSSVGD AFENWFGKKK DSDSKPDMAE AGVELKATPF KKLKNGKYSS KERLVLNIIN YEKVANENFE TSSFLSKNNT IELAFYEYIK GTPSDNWIJK EAVLYEMHKN PIDYEIHKQD WEIINQYINE GKAHELSEGL TSYLAPCTKG ANASSLRNQP YSDIKAKQRA FSLKSGYMTS ILRKYVLGDE KIDSIVKDPF EIKEKSIEDI VFEKFQPYIN WSIDKLCEHF SINKGEKGLN YRIASAILNL KGKTTKSKPF PEVEEFKSS IVVKTVHFNK KNVNKESMSF GAFKFEELAN EEWEDSEGYP SAQWRNFLLE TRFLFFVVKE DEDGVDIFKG IKFFSMPEED INGPVKRMWD DTVKKLKEGV TLEAVPDKST KDGWRIKNNF VDKSDDLICH VRPHTNNRDY RGGSNADKLP KKINWINRPD SDDYSDEWMT KQSFWINNDY IKKQVEDLL |
| Source | E.coli |
| Target Names | sau3AIR |
| Protein Names | Recommended name: Type-2 restriction enzyme Sau3AI Short name= R.Sau3AI EC= 3.1.21.4 Alternative name(s): Endonuclease Sau3AI Type II restriction enzyme Sau3AI |
| Expression Region | 1-489 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life |



of lyophilized form is 12 months at -20°C/-80°C.