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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Sortase A, Hexamutant, His-Tag

S. aureus, recombinant Sortase A, Hexamutant
N-terminal His-tag

Catalog #: 71047

Lot #: 170420-2 **Conc.:** 2.4 mg/ml

Formulated in: 40 mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 400 mM imidazole and 20% glycerol.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

Reference(s):

1. Chen, I. *et al.*, *Proc Natl. Acad. Sci. (USA)*. 2011; **108(28)**: 11399-11404.
2. Kappel, K., *et al.*, *Protein Sci.* 2012 Dec; **21(12)**:1858-71.

Description: *Staphylococcus aureus* sortase A Hexamutant (P94R, D124G, D160N, D165A, K190E, K196T), a.a 26-end, GenBank Accession No. AF162687 with N-terminal His tag, MW = 22 kDa, expressed in an *E. coli* expression system.

Application: Suitable for use with *in vitro* protein ligation reactions.

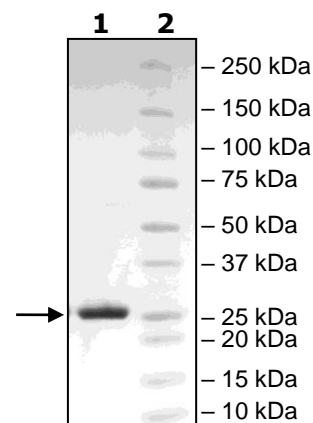
Quality Assurance

**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 μg Sortase A
Hexamutant

Lane 2:
Protein Marker

MW: 22 kDa
Purity: $\geq 90\%$



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Sequence:

MHHHHHHKPHIDNYLHDKDKDEKIEQYDKNVKEQASKDKKQQAQKQIPKDKSKVAG
YIEIPDADIKEPVYYPGPATREQLNRGVSF AEENESLDDQNI SIAGHTFIDRPNYQFTNLK
AAKKGSMVYFKVGNETRKYKMTSIRNVKPTAVGVLDEQKGKDKQLTLITCDDYNEET
GVWEIRKIFVATEVK

Blue: His-tag

Green: P94R, D160N, D165A, K190E, K196T

Black: Sortase A Pentamutant (26-206(end))

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