

<b>Product Name</b>	Recombinant SortaseA-5M	<p>SDS-PAGE gel</p> <p>1 2</p> <p>kDa</p> <p>235</p> <p>170</p> <p>130</p> <p>93</p> <p>70</p> <p>53</p> <p>41</p> <p>30</p> <p>22</p> <p>18</p> <p>14</p> <p>9</p> <p>1- MW Marker</p> <p>2- SrtA</p>
<b>Synonym(s)</b>	SrtA, Surface protein sorting A	
<b>Quantity</b>	50 µg	
<b>GenBank #</b>	AF162687	
<b>Molecular weight</b>	19.1 kDa	
<b>Purity</b>	>90% by SDS-PAGE	
<b>Tag</b>	N-terminal His tag	
<b>Expression Source</b>	E. coli	
<b>Amino Acids</b>	a. a. (60-206): P94R, D160N, D165A, K190E, K196T	
<b>Application</b>	Protein-peptide conjugations, binding assays, GDP/GTP nucleotide exchange reaction, ELISA, Immunoaffinity Purification, Protein Array, Western Blot.	
<b>Formulation</b>	50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 10% glycerol	
<b>Storage and Stability</b>	Stable for at least 6 months at -80°C. Stable for 1 month at 4°C. Avoid freeze/thaw cycles.	
<b>Description</b>	Sortase A is an enzyme belonging to the C60 transpeptidase family. It plays a significant role in cell wall sorting for Gram-positive bacteria, by catalyzing the covalent anchoring of surface proteins. In a research setting, Sortase A is an essential tool for peptide-protein conjugation. SortaseA cleaves between the threonine and glycine in a C-terminal LPXTG recognition motif, before joining the carboxyl group of threonine to the amino group of an N-terminal glycine of the target molecule.	
<b>Instructions for Use</b>	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage.	

### Related products:

TEV Protease-His	190001	1,000 Units, 10,000 Units
PreScission Protease (HRV 3C)	190002	1,000 units, 10,000 units
Recombinant SUMO Protease (Ulp1)	190003	1,000 units, 10,000 units
TEV Protease-GST	190004	5 µg, 200 µg, 1 mg
TEV Protease-AB	190005	5 µg, 200 µg, 1 mg
Recombinant YopH	200100	10 µg, 20 µg, 100 µg, 1 mg
Recombinant Biotin Protein Ligase (BirA)	90101	100 µg
Recombinant SortaseA-5M	90201	50 µg

Recombinant Mouse Leukemia Inhibitory Factor	11-0001	10 ug, 100 ug
Recombinant Human LIF	12-0002	10 ug, 100 ug, 1 mg
Recombinant Human FGF-basic, Carrier-free	12-0005CFR	50 ug, 100 ug, 500 ug, 1 mg
DNA Polymerase Theta-N-Helicase Domain	7657643	20 ug, 100 ug
DNA Polymerase Theta-C terminal Domain	7657283	20 ug, 100 ug, 1 mg
DNA Polymerase Theta Full Length protein	7657385	10 ug, 50 ug
Kras Wild Type (WT), GST-tag	5727-4121G	50 µg, 100 µg
Kras WT, GST-tag, GDP Loaded	5727-WTG-G	50 µg, 100 µg
Kras WT, GST-tag, GppNHp loaded	5727-WTG-GP	50 µg, 100 µg
Kras G12C, GST-tag	5727-4122G	50 µg, 100 µg
Kras G12C, GST-tag, GDP Loaded	5727-4122G -G	50 µg, 100 µg
Kras G12C, GST-tag, GppNHp loaded	5727-4122G -GP	50 µg, 100 µg
Kras G12D, GST-tag	5727-4123G	50 µg, 100 µg
Kras G12D, GST-tag, GDP Loaded	5727-4123G -G	50 µg, 100 µg
Kras G12D, GST-tag, GppNHp loaded	5727-4123G -GP	50 µg, 100 µg
Kras G12V, GST-tag,	5727-4128G	50 µg, 100 µg
Kras G12V, GST-tag, GDP Loaded	5727-4128G -G	50 µg, 100 µg
Kras G12V, GST-tag, GppNHp loaded	5727-4128G -GP	50 µg, 100 µg
Human SOS1, No Tag	7671	50 µg, 100 µg
Human RBD-RAF1, N-His tag, C-FLAG tag	7237231	50 µg, 100 µg
Recombinant SARS-CoV-2 Mpro, 3CL protease	728201	50 ug, 500 ug
Recombinant SARS-CoV-2 Papain-like Protease, CF	728251	50 ug, 100 ug
Recombinant SARS-CoV-2 Helicase (NSP13)	728231	10 ug, 50 ug, 100 ug
Recombinant SARS-CoV-2 NSP7	728264	100 ug, 1mg
Recombinant SARS-CoV-2 NSP8	728265	100 ug, 1mg
Recombinant Human BCL2	225201	100 ug
GST-CDK2: His-CyclinE1	C352E1	10 ug, 100 ug
GST-CDK2: His-CyclinA2	C352A2	10 ug, 100 ug
Recombinant Human Malic enzyme 1 (ME1)	180001	10 ug, 25 ug, 100 ug, 1 mg
Recombinant Human Malic enzyme 2 (ME2)	180002	10 ug, 25 ug, 100 ug, 1 mg
Recombinant Human Malic enzyme 3 (ME3)	180003	10 ug, 25 ug, 100 ug, 1 mg
Recombinant Human PD-L1	237351	100 ug
Recombinant Human CD40	232340	100 ug
Recombinant Human CD40L	2323405	100 ug
Recombinant Human CD70	232370	100 ug
Recombinant Human CD155	2323155	100 ug
Recombinant Human GITRL	2344875	100 ug
Recombinant Human OX40	236940	100 ug
Recombinant Human OX40L	2369405	100 ug

Products are for research use only and are not intended for human use. We do not sell to patients.