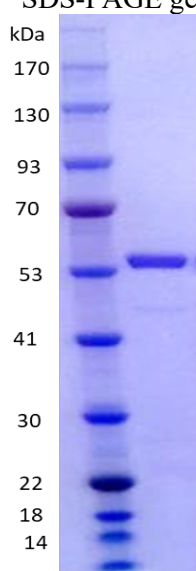
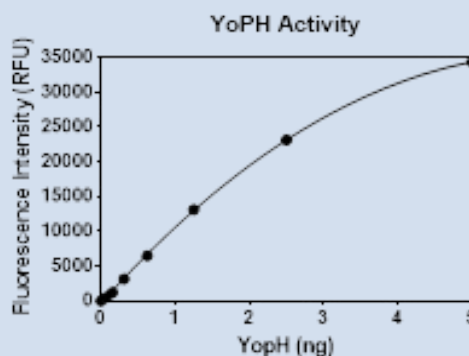


Product Name	Recombinant YopH (Catalytic domain, a.a. 163-468)	 <p>SDS-PAGE gel</p> <p>kDa</p> <p>170</p> <p>130</p> <p>93</p> <p>70</p> <p>53</p> <p>41</p> <p>30</p> <p>22</p> <p>18</p> <p>14</p> <p>1 2</p> <p>1 – MW Marker 2 – YopH</p>
Synonym(s)	Yop51, Tyrosine-protein phosphatase	
Quantity	10 µg, 20 µg, 100 µg, 1 mg	
Lot Number	B00119	
Molecular weight	59 kDa	
Purity	>90% by SDS-PAGE	
Tag	N-terminal GST tag	
Expression Source	E. coli	
GenBank Accession #	P08538.3	
Application	Remove phosphate group from phosphorylated proteins, Phosphatase assay, ELISA, WB, SDS-PAGE, Immunogen, etc	
Formulation	50mM Tris-HCl, 200mM NaCl, 10% Glycerol, pH 8.0	
Storage and Stability	Stable for 12 months at -80°C, Avoid freeze/thaw cycles	
Description	<p>The PTP catalytic domain (a.a. 163 to a.a. 468) of Yersinia enterocolitica YopH is expressed in E.coli. The tyrosine-protein phosphatase YopH selectively hydrolyzes only phosphotyrosine-containing proteins and contains a Cys residue essential for catalysis.</p>	
Assay Condition:	<p>The enzymatic reactions are performed at 10 µM DiFMUP, indicated amount of Mpro enzyme in 1X assay buffer at room temperature for 30 minutes. The fluorescence intensity is measured at exc/em 360 nm/460 nm.</p>	
Reference	<p>Zhang, Z.Y., et al., The Journal of Biological Chemistry, Vol. 267, No.33, 23759-23766 (1992).</p>	



This product is for research use only and not for diagnostic or therapeutic use.