

## SMCC Activated Peroxidase (HRP)

**Cat. No: E-FN-S101**

**Size: 100µg / 1mg**

### Technical Information

<b>Description</b>	Maleimide Activated Horseradish Peroxidase (HRP) is commonly used to facilitate the conjugation of HRP to proteins, peptides and ligands that contain sulfhydryl (-SH) groups for use as an enzyme-linked detection reagent. This product consists of HRP that has been modified with the hetero bi-functional cross linker Sulfo-SMCC and it generally contains several maleimide groups per HRP molecule while maintaining most of the HRP activity. After conjugation, the activated HRP will form a covalent interaction with the peptides or ligands containing sulfhydryl groups and can be used as a HRP probe for detection in different assays such as ELISA and western blot etc.
<b>Form</b>	Lyophilized
<b>Molecular Weight</b>	40 kDa
<b>Activation Method</b>	Sulfo-SMCC
<b>Binding capacity</b>	2-4 mg of peptide (average MW of 1000-3000) per 2 mg HRP
<b>Reconstitute</b>	Reconstitute in distilled water at the concentration of 2-5 mg/mL with gentle stirring.
<b>Storage</b>	-20°C, shading light
<b>Shipping</b>	Blue ice
<b>Expiration date</b>	6 months