

SMCC Activated Peroxidase (HRP)

Cat. No: GCQ0162

Technical Information

Description	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.
Form	Lyophilized powder
Molecular Weight	40 kDa
Activation Method	Sulfo-SMCC
Binding capacity	2-4 mg of peptide (average MW of 1000-3000) per 2 mg HRP
Reconstitute	Reconstitute in distilled water at the concentration of 2-5 mg/mL with gentle stirring.

Shipping & Storage Information

Storage	This product can be stored at -20°C for 6 months with shading light.
Shipping	Blue ice