

SMCC reagent

SMCC Activated Peroxidase (HRP)

CATALOG #
AAA178155

PRODUCT SYNONYMS

SMCC; SMCC Activated Peroxidase (HRP); SMCC reagent

PRODUCT SPECIFICATIONS

Activation Method	Sulfo-SMCC
Reconstitution	Reconstitute in distilled water at the concentration of 2-5 mg/mL with gentle stirring
Binding Capacity	2-4mg of peptide (average MW of 1000-3000) per 2 mg HRP
Preparation and Storage	Store at -20 degree C, shading light Estimated Expiration: 6 months Shipping: Blue ice

ADDITIONAL INFORMATION

Related Product Information for SMCC reagent	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.
Product Categories/Family for SMCC reagent	Cell Apoptosis

NCBI AND UNIPROT INFORMATION

Molecular Weight	40kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/reagent/sccc/178155>