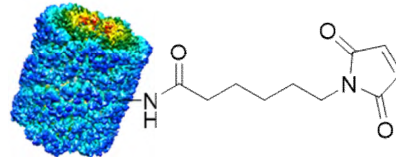


### Maleimide Activated KLH HL

Lyophilized powder, 2 mg each tube, ≥99% conjugates by HPLC

Product Number: **CM52109**  
Package: 1x2 mg and 3x2 mg



### Product Description

CellMosaic's maleimide activated KLH (Hemocyanin from *Megathura crenulata*) HL is designed for direct conjugation of KLH with proteins, peptides, or other ligands containing free sulfhydryl groups for use in immunization. This product consists of a highly loaded KLH that has been modified with EMCS (N-(ε-maleimidocaproyloxy) succinimide ester) to attach 40–80 maleimide groups per KLH molecule.

This product replaces previously developed maleimide activated KLH HL (Part No: CM52106) and incorporate a slightly longer linker and more suitable for immunization. The product is also more stable for labeling reactions.

### Application

- Suitable for loading large number of Cys peptides and other hydrophilic thiol antigens onto KLH for antibody production.

### Key Features of this Maleimide Activated KLH

- Lyophilized powder and ready for conjugation reaction after reconstitution with water, no need for external buffer.
- **High loading** with 40–80 average maleimide groups per KLH.