

MATERIAL DATA SHEET**Poly-SUMO2 Wild-type Chains (3-8)
Cat. # ULC-220**

Poly-SUMO-2 chains can be used to investigate mechanisms of chain recognition, binding and hydrolysis by SUMO-specific isopeptidases (SENPs), SUMO-specific E3 ligases or other proteins that contain SUMO-2 binding domains. This product is formed enzymatically with wild-type human recombinant SUMO-2 linked via lysine 11 which is the point of attachment for the C-terminal glycine of the preceding SUMO-2. Mono- and di-SUMO-2 have been removed from the chain mixture.

Product Information

Quantity:	25 µg
Stock:	X mg/ml in 50 mM Hepes pH 8.0, 100 mM NaCl, 1 mM DTT. Concentration will vary with specific Lot #.
Purity:	> 95% by SDS-PAGE

Use & Storage

Use:	Typical concentrations will depend on specific assay conditions and method of detection.
Storage:	Store at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:	Bylebyl G.R., <i>et al.</i> (2003) <i>J. Biol. Chem.</i> 278 :44113-44120 Dohmen R. J. (2004) <i>Biochem. Biophys. Acta.</i> 1695 :113-131 Johnson E. (2004) <i>Ann. Rev. Biochem.</i> 73 :355-382 Tatham M.H., <i>et al.</i> (2001) <i>J. Biol. Chem.</i> 276 : 35368-35374
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