
MATERIAL DATA SHEET

Poly-SUMO3 Wild-type Chains (3-8)
Cat. # ULC-320

Poly-SUMO-3 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-3 binding domains. This product is formed enzymatically with wild-type human recombinant SUMO-3 linked via lysine 11 which is the point of attachment for the C-terminal glycine of the preceding SUMO-3. Mono- and di-SUMO-3 have been removed from the chain mixture.

Product Information

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| 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

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

Literature

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| 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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