Lot # XXXXX

BostonBiochem

MATERIAL DATA SHEET

Poly-SUMO2 Wild-type Chains (2-8)
Cat. # ULC-210

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-SUMO-2 has 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., *et al.* (2003) J. Biol. Chem. **278**:44113-44120
Dohmen R. J. (2004) Biochem. Biophys. Acta. **1695**:113-131
Johnson E. (2004) Ann. Rev. Biochem. **73**:355-382
Tatham M.H., *et al.* (2001) J. Biol. Chem. **276**: 35368-35374

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