
MATERIAL DATA SHEET

NEDD8 Aldehyde, *human recombinant*
Cat. # UL-801

A potent and highly specific inhibitor of NEDD8-specific isopeptidases (NEDP1 or SENP8). This protein blocks the hydrolysis of poly-NEDD8 chains on substrate proteins *in vitro* and thus enhances poly-NEDD8 chain accumulation.

Product Information

Quantity:	50 µg, lyophilized powder
MW:	9.1 kDa
Solubility:	Soluble in DMSO up to 5 mg/ml. For best results, pellet dry compound prior to reconstitution.
Purity:	> 98 % by HPLC.

Use & Storage

Use:	Add directly to <i>in vitro</i> assay from the stock solution. Depending on conditions, typical concentrations to fully inhibit NEDPs <i>in vitro</i> are 1-5 µM.
Storage:	Store powder at -20°C. Store stock solution at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:	Hemelaar J., <i>et al.</i> (2004) <u>Mol. Cell. Biol.</u> 24 : 84-95 Mendoza H.M., <i>et al.</i> (2003) <u>J. Biol. Chem.</u> 278 : 25637-25643 Reverter D., <i>et al.</i> (2005) <u>J. Mol. Biol.</u> 345 : 141-151 Wu K., <i>et al.</i> (2003) <u>J. Biol. Chem.</u> 278 : 288882-288891
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