

# Dharmacon™ Edit-R™ Cas9 Nuclease protein (NLS)

Cat. #CAS11200 (500 pmol), CAS11201 (1000 pmol)

## Quality control

Test	Description/specification
Extended incubation	Minimum 1 pmol incubated 16 hrs with no detectable degradation
Exonuclease	< 0.1% release using a minimum of 1 pmol
Endonuclease	< 10% conversion using a minimum of 1 pmol
Purity	> 95% via SDS-PAGE
RNAse	Using minimum of 1 pmol < 10% degradation
Functional	90% digestion using a minimum of 20 nM

## Shipping and storage

Cas9 protein is shipped on dry ice and should be stored in a  $-20^{\circ}$  freezer upon arrival. Cas9 protein will remain stable for at least one year without any appreciable loss in activity. When ready to use, place tube on ice and then replace back in  $-80^{\circ}$  freezer when finished.

## Description of goods

Edit-R Cas9 Nuclease protein (NLS) is supplied at a concentration of  $20\mu\text{M}$  in a buffered glycerol solution.

## If you have any questions, contact

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