

# Product Specification

**Product Name :**

eSpCas9 Protein from Streptococcus pyogenes with mutations conferring enhanced specificity, recombinant, expressed in E. coli, 1X NLS

**Product Number:** ESPCAS9PRO**Storage Temperature :** Freezer -20°C

Test	Specification
Vial Content (Overpack)	≤ 40.00%
Purity SDS-PAGE	≥ 95.0%
Activity In vitro gRNA directed DNA cleavage	Conforms
Non-Specific DNase Activity	None Detected
Non-Specific Nickase Activity	None Detected
RNase Activity	None Detected
Endotoxin Level EU/ug	≤ 1.00
Non-Specific DNase Activity RSOLUTION	None Detected
RNase Activity RSOLUTION	None Detected
Endotoxin Level RSOLUTION EU/ml	≤ 1.00
Non-Specific DNase Activity DBUFFER	None Detected
RNase Activity DBUFFER	None Detected
Endotoxin Level DBUFFER EU/ml	≤ 1.00
Recommended Retest Period 2 Years	-----

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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