

Recombinant Mouse X-ray Repair Complementing Defective Repair in Chinese Hamster Cells 6 (Xrcc6), N-His

Cat. No.: AP4C191

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse X-ray Repair Complementing Defective Repair in Chinese Hamster Cells 6 (Xrcc6), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 29.1 kDa. The purity is >95%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>95%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	29.1 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Mouse X-ray Repair Complementing Defective Repair in Chinese Hamster Cells 6 (Xrcc6) is a DNA repair protein involved in the repair of DNA double-strand breaks. In mice, it plays a crucial role in maintaining genomic stability and preventing mutations. Dysregulation of Xrcc6 is associated with increased susceptibility to cancer and radiation-induced DNA damage.

Protein	Mouse X-ray Repair Complementing Defective Repair in Chinese Hamster Cells 6 (Xrcc6)
Protein Synonym	X-ray repair complementing defective repair in Chinese hamster cells 6; Xrcc6
Gene ID	14375
EC No.	A0A0R4J187

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.