

DNA Repair, Replication, Recombination

Human Rev1

Molecular Mass: 138 kDa

Catalog #	Size
63	5 μ g

Description

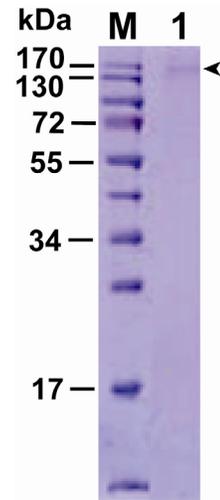
REV1 is a member of the Y family DNA polymerases. It possesses the DNA template-dependent dCMP transferase. *In vitro*, REV1 is able to insert a C opposite several types of DNA lesions.

Reaction Buffer

25 mM potassium phosphate (pH 7.0), 5 mM MgCl₂, 5 mM DTT, 100 μ g/ml BSA, 10% glycerol, 50-100 μ M dNTPs.

Dilution Buffer

25 mM Tris-HCl (pH 7.5), 2.5 mM β -mercaptoethanol, 50% glycerol.



Purified human REV1.

The protein (250 ng) was analyzed by electrophoresis on a 15% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The arrowhead indicates the full length Rev1. Protein size markers (lane M) are indicated on the left.