

REV1 Polymerase Human Recombinant

Item Number	rAP-1600
Synonyms	REV1 Polymerase (DNA Directed), REV1L, Alpha Integrin-Binding Protein 80, Rev1-Like Terminal Deoxy-cytidyl Transferase, AIBP80, REV1 (Yeast Homolog)-Like, REV1 Homolog (S. Cerevisiae), REV1-Like (Yeast), DNA Repair Protein REV1, REV1 Homolog, REV1-Like
Description	REV1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (51-256) and having a molecular mass of 25.2kDa. REV1 is fused to a 21 amino acid His-tag at N-terminus.
Uniprot Accesion Number	Q9UBZ9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGVAIYVNGY TDPSAEEELRK LMMLHGGQYH VYYRSRSKTTH IIATNLNAK IKELKGEKVI RPEWIVESIK AGRLLSYIPY QLYTKQSSVQ KGLSFNPVCR PEDPLPGPSN IAKQLNNRNVN HIVKKIETEN EVKVNGMNSW NEEDENNDFS FVDLEQTSPG RKQNGIPHPR GSTAIFNGHT PSSNGALKTQ DCLVPMVNSV ASRLSPA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The REV1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**