

DNA Repair, Replication, Recombination

Human Ku70

Molecular Mass: 70 kDa

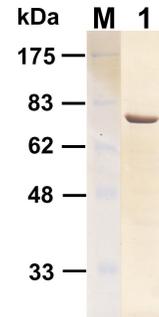
Catalog #	Size	Price
38	5 μ g	\$500

Description

Ku70 forms a protein complex with Ku80. The Ku70-Ku80 complex binds to DNA ends and double-stranded DNA breaks. This complex is involved in nonhomologous end joining (NHEJ) for double-strand DNA break repair, and is also involved in NHEJ during V(D)J recombination of immunoglobulin genes.

Buffer

The protein is supplied in 50 mM Tris-HCl (pH 7.5), 5 mM β -mercaptoethanol, 500 mM NaCl, and 10% glycerol.



Purified human Ku70.

The protein (150 ng) was analyzed by electrophoresis on a 10% SDS-polyacrylamide gel and visualized by silver staining. Identity of the Ku70 protein band was confirmed by Western blot analysis. Protein size markers (lane M) are indicated on the left.