

## DNA Repair, Replication, Recombination

### Human Ku80

Molecular Mass: 83 kDa

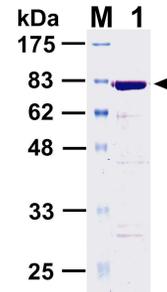
Catalog #	Size	Price
39	5 $\mu$ g	\$500

#### Description

Ku80 forms a protein complex with Ku70. 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  $\beta$ -mercaptoethanol, 500 mM NaCl, and 10% glycerol.



#### Purified human Ku80.

The protein (500 ng) was analyzed by electrophoresis on a 10% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The arrowhead indicates the Ku80 protein band whose identity was confirmed by Western blot analysis. Protein size markers (lane M) are indicated on the left.