

**Product:** Recombinant Desmin  
**Catalog #:** 03-62016 (250 mg)  
03-62216 (100 mg)  
**Amount:** 250 mg or  
100 mg

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**SOURCE:** Recombinant, *E. coli* expression  
**MOLECULAR WEIGHT:** 53,539.6 (calculated from sequence)  
55,000 (determined by SDS gelelectrophoresis)  
**ISOELECTRIC POINT:** pHI 5.16 (calculated from sequence)  
**PURITY:** Greater than 95% determined by SDS-PAGE  
**FORM:** Lyophilized, salt balance  
**APPLICATION:** Protein standard in 1D and 2D SDS-gel electrophoresis  
Immunoassay  
Antigen for immunization.

**RECONSTITUTION (250 mg):** When reconstituted with 175µl H<sub>2</sub>O dist, a final solution volume of 250 µl will contain 30mM Tris/HCl, pH 8, 9.5M urea, 2mM DTT, 2mM EDTA, 10mM Methylammoniumchloride, with a protein concentration of 1mg/ml.

**RECONSTITUTION (100 µg):** When reconstituted with 70µl H<sub>2</sub>O dist, a final solution volume of 100 µl will contain 30mM Tris/HCl, pH 8, 9.5M urea, 2mM DTT, 2mM EDTA, 10mM Methylammoniumchloride, with a protein concentration of 1mg/ml.

**STORAGE:** 4°C (lyophilized), at -20°C (solution, aliquot)

**REFERENCES:**

Geisler, N. and Weber, K. (1980) Eur. J. Biochem. **111**: 425 ff,

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