

Desmin Human Recombinant

Item Number	rAP-4396
Synonyms	Desmin, DES, CSM1, CSM2, CMD11, FLJ12025, FLJ39719, FLJ41013, FLJ41793.
Description	Desmin Human Recombinant having a calculated molecular mass of 53,539 Dalton, showing a 55kDa band on SDS-page, pI-5.16.
Uniprot Accession Number	P17661
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Desmin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Desmin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Desmin was lyophilized from a 1mg/ml solution containing 30mM Tris-HCl pH 8, 9.5M urea, 2mM DTT, 2mM EDTA and 10mM methylammonium chloride. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Desmin in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
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**