

32-3670: Desmin Recombinant Protein

Alternative Name : Desmin,DES,CSM1,CSM2,CMD1I,FLJ12025,FLJ39719,FLJ41013,FLJ41793.

Description

Source : Escherichia Coli. Desmin Human Recombinant having a calculated molecular mass of 53,539 Dalton, showing a 55kDa band on SDS-page, pI-5.16. Desmin is a muscle-specific class III intermediate filament. Homopolymers of this protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	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.
Storage condition :	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.

Application Note

It is recommended to reconstitute the lyophilized Desmin in sterile 18MΩ·cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.