

Prelamin-A Recombinant

Item Number	rAP-4426
Synonyms	Prelamin-A/C, LMNA, LMN1, FPL, IDC, LFP, CDDC, EMD2, FPLD, HGPS, LDP1, LMNC, PRO1, CDCD1, CMD1A, FPLD2, LMNL1, CMT2B1, LGMD1B.
Description	Recombinant Prelamin-A is a 74kDa precursor of the nuclear lamin A protein. Prelamin-A is a structural component of the nuclear lamina and it is encoded by lamin A/C gene (LMNA). Due to the presence of a CAAX box sequence at carboxyl terminus, Prelamin-A in vivo goes through a serial of post-translational
Uniprot Accession Number	P02545
Amino Acid Sequence	metpsqrrat rsgaqasstp lsptrtrlq ekedlqelnd rlvayidrvr sletenaglr lriteseevv srevsgikaa yeaeldgark tldsvakera rqlqelskvr eefkelkarn tkkegdliaa qarlkdeale lnskeaalst alsekrteg elhdrlrgqva kleaalgeak kqlqdemlrr vdaenrlqtm keeldfqkni yseelretkr rhetrlveid ngkqrefesr ladalqelra qhedqveqyk kelektysak ldnarqsaer nsnlvgaah eelqqsrrid slsaqlsqli kqlaakeakl rdledslare rdtsrrilae keremaemra rmqqqldeyq elldiklald meihay-rkll egeeerlrls psptsqrsrg rasshssqtq gggsvtkkrk lestesrssf sqhartsgrv aveevdeegk fvrlrnksne dqsmgnwqik rqnqddpllt yrfppkftlk agqvvtiwaa gagathsppt dlvwkaqntw gcgnslrtal instgeevam rklrvsvtvv eddededgdd
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The Prelamin-A solution (0.1mg/ml) contains 10% Glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
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**