

# Product datasheet for TP720562XL

### Desmin (DES) (NM\_001927) Human Recombinant Protein

#### **Product data:**

#### OriGene Technologies, Inc.

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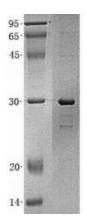
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human desmin (DES)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Val260-Leu470
Tag:	N-His
Predicted MW:	26.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 001918</u>
Locus ID:	1674
Locus ID: UniProt ID:	1674 <u>P17661, Q53SB5</u>



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	Desmin (DES) (NM_001927) Human Recombinant Protein – TP720562XL
Summary:	This gene encodes 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. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome
Protein Pathway	<b>rs:</b> Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM)

## Product images:



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