

Datasheet for ABIN7318402

**Desmin Protein (DES) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	Desmin (DES)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Desmin protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Desmin Protein (His Tag)
Sequence:	Val260-Leu470
Characteristics:	Recombinant Human Desmin is produced by our E.coli expression system and the target gene encoding Val260-Leu470 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Desmin (DES)
Alternative Name:	Desmin ( <a href="#">DES Products</a> )
Background:	Background: Desmin is a cytoplasmic protein and belongs to the intermediate filament family. interacts with DST and MTM1. Desmin is only expressed in vertebrates, however homologous proteins are found in many organisms. Desmin is the main intermediate filament in mature

Target Details

	skeletal, cardiac and smooth-muscle cells. DES functions as homopolymers to form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. .Defects in DES are cause of the myopathy myofibrillar type 1, cardiomyopathy dilated type 1I, and neurogenic scapuloperoneal syndrome Kaeser type.  Synonym: Desmin, DES
Molecular Weight:	26.7 kDa
UniProt:	<a href="#">P17661</a>

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.