

## Recombinant Human DES protein, His/MBP-tagged

Cat. No. DES-289H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DES(242-270 aa) fused with His/MBP tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	242-270 aa
<b>Description</b>	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.
<b>Form</b>	Liquid in PBS
<b>Purity</b>	SDS-PAGE >90%
<b>Applications</b>	WB Positive Control
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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## GENE INFORMATION

**Gene Name** DES desmin [ Homo sapiens ]

**Official Symbol** DES

**Synonyms** DES; desmin; CMD1I; CSM1; CSM2; intermediate filament protein; FLJ12025; FLJ39719; FLJ41013; FLJ41793;

**Gene ID** 1674

**mRNA Refseq** NM\_001927

**Protein Refseq** NP\_001918

**MIM** 125660

**UniProt ID** P17661

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