

## Recombinant Human DES Protein, DDK-tagged

Cat. No. DES-328H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DES fused with DDK tag at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<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>	50mM Tris-HCl pH8.0, 150mM NaCl, 10%glycerol.
<b>Molecular Mass</b>	54 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 6 months from receipt of products under proper storage and handling conditions.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	DES desmin [ Homo sapiens ]
<b>Official Symbol</b>	DES
<b>Synonyms</b>	DES; desmin; CMD1I; CSM1; CSM2; intermediate filament protein; FLJ12025; FLJ39719; FLJ41013; FLJ41793;
<b>Gene ID</b>	1674
<b>mRNA Refseq</b>	NM_001927
<b>Protein Refseq</b>	NP_001662
<b>MIM</b>	125660
<b>UniProt ID</b>	P17661

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