

Recombinant Full Length Human DES Protein, GST-tagged

Cat. No. DES-2476HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DES full-length ORF (AAH32116.1, 1 a.a. - 470 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	470 amino acids
Description	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]
Molecular Mass	79.9 kDa
AA Sequence	MSQAYSSSQRVSSYRRTFGGAPGFPLGSPLSSPVFPRAGFGSKGSSSSVTSRVYQ VSRTSGGAGGLGSLRASRLGTTTRTPSSYGAGELLDFSLADAVNQEFLLTTRTNEKVE LQELNDRFANYIEKVRFLEQQNAALAAEVNRLKGREPTRVAELYEEELRELRRQVEV LTNQRARVDVERDNLDDLQRLKAKLQEEIQLKEEAENNLAAFRADVDAATLARIDLE RRIESLNEEIAFLKKVHEEEIRELQAQLQEQVQVEMDMSKPDLTAAALRDIRAQYETI AAKNISEAAEWYKSKVSDLTQAANKNNDALRQAKQEMMEYRHQIQSYTCEIDALKG TNDSLMRQMRELEDRFASEASGYQDNIAARLEEEIRHLKDEMARHLREYQDLLNVKM ALDVEIATYRKLLERGEESRINLPQITYSALNFRETSPQERGSEVHTKKTVMIKTIETRD

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	GEVSEATQQQHEVL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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