Recombinant Human DES Protein, His-tagged

Cat. No. DES-329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DES(Val260-Leu470) fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val260-Leu470
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.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.2.
Molecular Mass	26.7 kDa
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Storage	Stable for at least 6 months from date of receipt under proper storage and handling conditions.

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Concentration	Resuspend the protein to the desired concentration in proper 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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