

Recombinant Human DES protein, EGFP-tagged

Cat. No. DES-323H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DES protein(P17661)(2-470aa), fused with C-terminal EGFP tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-470aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	80.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

SQAYSSSQRVSSYRRTFGGAPGFPLGSPLSSPVFPRAGFGSKGSSSSSVTSRVYQV
 SRTSGGAGGLGSLRASRLGTTTRTPSSYGAGELLDFSLADAVNQEFLTTRTNEKVEL
 QELNDRFANYIEKVRFLQEQNAALAAEVNRLKGREPTRVAELYEEELRELRRQVEVL
 TNQRARVDVERDNLDDQLRLKAKLQEEIQLKEEAENNLAAFRADVDAATLARIDLE
 RRIESLNEEIAFLKKVHEEEIRELQAQLQEQVQVEMDMSKPDLTAAALRDIRAQYETI
 AAKNISEAEWYKSKVSDLTQAANKNNDALRQAKQEMMEYRHQIQSYTCEIDALKG
 TNDSLMRQMRELEDRFASEASGYQDNIALEEEIRHLKDEMARHLREYQDLLNVKM
 ALDVEIATYRKLLERGEESRINLPQTYTYSALNFRETSPEQRGSEVHTKKTVMIKTIETRD
 GEVSEATQQQHEVL

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](#)

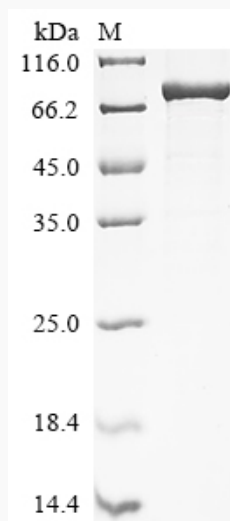
MIM [125660](#)

UniProt ID [P17661](#)

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SDS-PAGE

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