



Recombinant Human Desmin (DES)

Product Code	CSB-MP006735HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17661
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSQAYSSSQR VSSYRRTFGG APGFPLGSPL SSPVFPRAGF GSKGSSSSVT SRVYQVSRYS GGAGGLGSLR ASRLGTTTRTP SSYGAGELLD FSLADAVNQE FLTTRTNEKV ELQELNDRFA NYIEKVRFLQ QNAALAAEV NRLKGREPTR VAELYEEELR ELRRQVEVLT NQRARVDVER DNLLDDLQRL KAKLQEEIQL KEEAENLAA FRADVDAATL ARIDLERRIE SLNEEIAFLK KVHEEEIREL QAQLQEQQVQ VEMDMSKPD L TAALRDIRAQ YETIAAKNIS EAEWYKSKV SDLTQAANKN NDALRQAKQE MMEYRHQIQS YTCEIDALKG TNDSLMRQMR ELEDRFASEA SGYQDNIARL EEEIRHLKDE MARHLREYQD LLNVKMALDV EIATYRKLL EGEESRINLPI QTYSALNFRE TSPEQRGSEV HTKKTVMIKT IETRDGEVVS EATQQQHEVL
Source	Mammalian cell
Target Names	DES
Protein Names	Recommended name: Desmin
Expression Region	1-470
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.