



Recombinant Human Mediator of RNA polymerase II transcription subunit 27 (MED27)

Product Code	CSB-EP764716HU-B
Abbreviation	MED27
Storage	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.
Uniprot No.	Q6P2C8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MADVINVSVN LEAFSQAISA IQALRSSVSR VFDCLKDGMR NKETLEGREK AFIAHFQDNL HSVNRDLNEL ERLSNLVGKP SENHPLHNSG LLSLDPVQDK TPLYSQLLQA YKWSNKLQYH AGLASGLLNQ QSLKRSANQM GVSARRPKA QPTTLVLPPQ YVDDVISRID RMFPMSIHL SRPNGTSAML LVTLGKVLKV IVVMRSLFID RTIVKGYNEN VYTEDGKLDI WSKSNYQVFQ KVTDHATTAL LHYQLPQMPD VVRSFMTWL RSYIKLFQAP CQRCGKFLQD GLPPTWRDFR TLEAFHDTCR Q
Source	E.coli
Target Names	MED27
Protein Names	Recommended name: Mediator of RNA polymerase II transcription subunit 27 Alternative name(s): Cofactor required for Sp1 transcriptional activation subunit 8 Short name= CRSP complex subunit 8 Mediator complex subunit 27 P37 TRAP/SMC
Expression Region	1-311
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	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. This protein is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors.



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

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