



# Recombinant Human Mediator of RNA polymerase II transcription subunit 26 (MED26)

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| <b>Product Code</b>      | CSB-EP013659HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>       | O95402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sequence</b>          | MTAAPASPQQ IRDRLLQAID PQSNIRNMVA VLEVISSLEK YPITKEALEE<br>TRLGKLINDV RKKTKNEELA KRAKKLLRSW QKLIÉPAHQH EAALRGLAGA<br>TGSANGGAHN CRPEVGAAGP PRSIHDLKSR NDLQRLPGQR LDRLGSRKRR<br>GDQRDLGHPG PPPKVSASH DPLVPNSSPL PTNGISGSPE SFASSLDGSG<br>HAGPEGSRLÉ RDENDKHSGK IPVNAVRPHT SSPGLGKPPG PCLQPKASVL<br>QQLDRVDETP GPPHPKGPPR CSFSPRNSRH EGSFARQQSL YAPKGSVPSP<br>SPRPQALDAT QVPSPLPLAQ PSTPPVRRLE LLPSAESVC WLEQPESHQR<br>LAGPGCKAGL SPAEPLLSRA GFSPDSSKAD SDAASSGGSD SKKKKRYRPR<br>DYTVNLDGQV AEAGVKPVRL KERKLTFDPM TRQIKPLTQK EPVRADSPVH<br>MEQQSRTELD KQÉAKASLQS PFEQTNWKEL SRNEIIQSYL SRQSSLLSSS<br>GAQTPGAHHF MSEYLKQÉES TRQGARQLHV LVPQSPPTDL PGLTREVTQD<br>DLDRIQASQW PGVNGCQDTQ GNWYDWTQCI SLDPHGDDGR LNILPYVCLD |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target Names</b>      | MED26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Names</b>     | Recommended name: Mediator of RNA polymerase II transcription subunit 26<br>Alternative name(s): Activator-recruited cofactor 70 kDa component Short<br>name= ARC70 Cofactor required for Sp1 transcriptional activation subunit 7<br>Short name=                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Expression Region</b> | 1-600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Length</b>    | Full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Details</b>    | The activation of gene transcription is a multistep process that is triggered by<br>factors that recognize transcriptional enhancer sites in DNA. These factors work<br>with co-activators to direct transcriptional initiation by the RNA polymerase II<br>apparatus. This protein is a subunit of the CRSP (cofactor required for SP1<br>activation) complex, which, along with TFIID, is required for efficient activation<br>by SP1. This protein is also a component of other multisubunit complexes e.g.<br>thyroid hormone receptor-(TR-) associated proteins which interact with TR and<br>facilitate TR function on DNA templates in conjunction with initiation factors and                              |



cofactors.

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**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.

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**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.