

## Product datasheet for **AR50895PU-S**

### **POLR2H / RPABC3 (1-150, His-tag) Human Protein**

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | POLR2H / RPABC3 (1-150, His-tag) human recombinant protein, 0.1 mg   |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMAGILFE DIFDVKDIDP EGKKFDRVSR LHCESESEFKM DLILDVNIQI YPVDLGDKFR LVIASLTLYED GTLDDGEYNP TDDRPSRADQ FEYVMYGKVV RIEGDETSTE AATRLSAYVS YGGLLMRLQG DANNLHGFEV DSRVYLLMCK LAF |
| Tag:                                  | His-tag  |
| Predicted MW:                         | 19.5 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >90% by SDS - PAGE   |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT                                    |
| Preparation:                          | Liquid purified protein  |
| Protein Description:                  | Recombinant human POLR2H protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.  |
| Stability:                            | Shelf life: one year from despatch.  |
| RefSeq:                               | <a href="#">NP_001265627</a>   |
| Locus ID:                             | 5437   |
| UniProt ID:                           | <a href="#">P52434</a>   |
| Cytogenetics:                         | 3q27.1   |
| Synonyms:                             | RPABC3; RPB8; RPB17  |



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**Summary:** The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]

**Protein Families:** Transcription Factors

**Protein Pathways:** Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**

