

Product datasheet for **AR51089PU-N**

POLR2D (1-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	POLR2D (1-142, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAAGGSD PRAGDVEEDA SQLIFPKEFE TAETLLNSEV HMLLEHRKQQ NESAEDEQEL SEVFMKTLNY TARFSRFKNR ETIASVRSLL LQKKLHKFEL ACLANLCPET AEESKALIPS LEGRFEDEEL QQILDDIQTK RSFQY
Tag:	His-tag
Predicted MW:	18.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea 10% glycerol
Preparation:	Liquid purified protein
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:	NP_004796
Locus ID:	5433
UniProt ID:	O15514
Cytogenetics:	2q14.3
Synonyms:	HSRBP4; HSRPB4; RBP4; RPB4; RPB16
Summary:	This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from this gene. [provided by RefSeq, Jul 2008]



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Protein Families: Transcription Factors

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

Product images:

