

Product datasheet for **AR51291PU-N**

GTF2A1 / TF2A1 (1-274, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GTF2A1 / TF2A1 (1-274, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMANSANT NTPKLYRSV IEDVINDVRD IFLDDGVDEQ VLMEKTLWE NKLMQSRAVD GFHSEEQQLL LQVQQQHQPQ QQQHSHHHHHH QQAQPQQTVP QQAQTQQVLI PASQQATAPQ VIVPDSKLIQ HMNASNMSAA ATAATLALPA GVTPVQQILT NSGQLLQVVR AANGAQYIFQ PQQSVLQQQ VIPQMMPGGV QAPVIQQVLA PLPGGISPQT GVIIQPQQIL FTGNKTQVIP TTVAAPTPAQ AQITATGQQQ PQAQPAQTQA PLVLQVD
Tag:	His-tag
Predicted MW:	32.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 8.0) containing 20% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GTF2A1 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:	NP_001265869
Locus ID:	2957
UniProt ID:	P52655
Cytogenetics:	14q31.1
Synonyms:	TF2A1; TFIIA; TFIIA-42; TFIIAL



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Summary: Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and several general initiation factors (summarized by DeJong and Roeder, 1993 [PubMed 8224848]). One of these factors is TFIIA, which when purified from HeLa extracts consists of 35-, 19-, and 12-kD subunits.[supplied by OMIM, Jul 2010]

Protein Families: Transcription Factors

Protein Pathways: Basal transcription factors

Product images:

