

Product datasheet for **AR50358PU-N**

TCEA1 / TFIIS (1-301, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TCEA1 / TFIIS (1-301, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSH</u> MEDEVV RFAKKMDKMV QKKNAAGALD LLKELKNIPM TLELLQSTRI GMSVNAIRKQ STDEEVTSLA KSLIKSWKKL LDGPSTEKDL DEKKKEPAIT SQNSPEAREE STSSGNVSNR KDETNRADTY VSSFPRAPST SDSVRLKCRE MLAAALRTGD DYIAIGADEE ELGSQIEEAI YQEIRNTDMK YKNRVRSRIS NLKDAKNPNL RKNVLCGNIP PDLFARMTAE EMASDELKEM RKNLTKEAIR EHQMAKTGGT QTDLFTCGKC KKKNCTYTQV QTRSADEPMT TFVVCNECGN RWKFC
Tag:	His-tag
Predicted MW:	36.5 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 7.5, 20% glycerol, 1 mM DTT, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human TCEA1 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:	<u>NP_006747</u>
Locus ID:	6917
UniProt ID:	<u>P23193</u> , <u>A0A384MTX4</u>
Cytogenetics:	8q11.23
Synonyms:	GTF2S; SII; TCEA; TF2S; TFIIS



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Summary:

Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.[UniProtKB/Swiss-Prot Function]

Protein Families:

Transcription Factors

Product images: