

Product datasheet for AR50348PU-N

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

GTF2F2 (1-249, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: GTF2F2 (1-249, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MAERGELDLT GAKQNTGVWL VKVPKYLSQQ WAKASGRGEV

or AA Sequence: GKLRIAKTQG RTEVSFTLNE DLANIHDIGG KPASVSAPRE HPFVLQSVGG QTLTVFTESS SDKLSLEGIV

VQRAECRPAA SENYMRLKRL QIEESSKPVR LSQQLDKVVT TNYKPVANHQ YNIEYERKKK EDGKRARADK QHVLDMLFSA FEKHQYYNLK DLVDITKQPV VYLKEILKEI GVQNVKGIHK

NTWELKPEYR HYQGEEKSD

Tag: His-tag

Predicted MW: 30.5 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 8.0) containing 20% glycerol 0.2M NaCl, 1 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human GTF2F2 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 004119</u>

Locus ID: 2963

 UniProt ID:
 P13984, A0A024RDU9

Cytogenetics: 13q14.12-q14.13

Synonyms: BTF4; RAP30; TF2F2; TFIIF





Summary: TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to

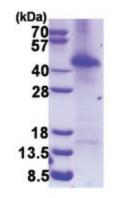
recruit it to the initiation complex in collaboration with TFIIB. It promotes transcription elongation. This subunit shows ATP-dependent DNA-helicase activity.[UniProtKB/Swiss-Prot

Function]

Protein Families: Transcription Factors

Protein Pathways: Basal transcription factors

Product images:



15% SDS-PAGE (3ug)