

General Transcription Factor IIA, 1 Human Recombinant

Item Number	rAP-3329
Synonyms	General transcription factor IIA, 1, 19/37kDa, TF2A1, TFIIA, TFIIA-42, TFIIAL, Transcription initiation factor IIA subunit 1, Transcription initiation factor TFIIA 42 kDa subunit, GTF2A1.
Description	GTF2A1 Human Recombinant produced in E. coli is a single polypeptide chain containing 297 amino acids (1-274) and having a molecular mass of 32.2kDa. GTF2A1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P52655
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMANSANT NTVPKLYRSV IEDVINDVRD IFLDDGVDEQ VLMELKTLWE NKLMQSRVD GFHSEEQQLL LQVQQQHQPQ QQQHSHHHHHH QQAQPQQTVP QQAQ- TQQVLI PASQQATAPQ VIVPDSKLIQ HMNASNMSAA ATAATLALPA GVTPVQQILT NSGQLLQVVR AANGAQYIFQ PQQSVLQQQ VIPQMPPGGV QAPVIQQVLA PLPGGISPQT GVIIQPQQIL FTGNKTQVIP TTVAAPTPAQ AQITATGQQQ PQAQPAQTQA PLVLQVD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The GTF2A1 solution (0.5mg/ml) contains 20mM Tris-HCl(pH8.0), 20% glycerol, 0.15M NaCl and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**