

Transcription Factor-A Recombinant Human

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| Item Number | rAP-3757 |
| Synonyms | Transcription factor A, mitochondrial, TCF6, TCF6L2, Mitochondrial transcription factor 1, Transcription factor 6-like 2, MtTF1, mtTFA, TCF6L1, TCF6L3. |
| Description | TFAM produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (43-246.a.a) and having a molecular mass of 26.6kDa. TFAM is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | Q00059 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MSSVLASCPK KPVSSYLRFS KEQLPIFKAQ NPDAKTTIELI RRRAQR-WREL PDSKKKIYQD AYRAEWQVYK EEISRFKEQL TPSQIMSLEK EIMDKHLKRK AMTKKKEELTL LGKPKRPRSA YNVYVAERFQ EAKGDSPQEK LKTVKENWKN LSDSEKELYI QHAKEDETRY HNEMKSWEAQ MIEVGRKDLL RRTIKKQRKY GAEEC |
| 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. Please avoid freeze thaw cycles. |
| Formulation and Purity | The TFAM protein solution (0.25mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol. Greater than 85% 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 end users! This product is sold for **Research Use Only**