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32-9073: Recombinant Mouse Transcription factor A, mitochondrial/mTFAM (N-His)

Alternative Name : mtTFA; Testis-specific high mobility group protein; TS-HMG; Tfam; Hmgts

Description

Source : E. coli;
Mitochondrial transcription factor A (TFAM) is a double box high-mobility group DNA-binding and bending protein. The mitochondrial isoform of TFAM is widely expressed, whereas the nuclear isoform is testis-specific. TFAM plays an essential role in the activation of mitochondrial transcription and mitochondrial genome replication. It facilitates the transcription of the mitochondrial genome by binding mitochondrial promoter DNA. Studies in mice found that TFAM play a central role for embryonic development and is required to maintain the normal levels of mitochondrial genome copy.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 um filtered solution of 5umM TES, pH7.5

Amino Acid : Recombinant mouse mTFAM is produced by E.coli. The target gene encoding S43-H243 is expressed with a 6His tag at the N terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.