

32-9112: Recombinant Human Thioredoxin/TXN (C-Avi&His)

Alternative Name : Thioredoxin1; Thioredoxin-1; Trx1; TXN; TXN1

Description

Source : E. coli;

Thioredoxin (TXN) is a small ubiquitous protein in all cells that plays an important role in cellular redox reactions. It is secreted by lymphocytes, hepatocytes, fibroblasts, and several tumor cells. TXN is up-regulated under stress conditions such as hypoxia, elevated hydrogen peroxide concentrations, photochemical oxidative stress, and viral and bacterial infections. TXN modulates the growth factor activities, and the antioxidant properties, as well as act as a cofactor that provides reducing equivalents, and transcriptional regulation.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 2mM Na₂HPO₄, 2mM NaH₂PO₄, pH7.4.

Amino Acid : Recombinant Human Thioredoxin is produced by E.coli. The target gene encoding M1-V105 is expressed with a Avi&6His tag at the C-terminus.