

Product Information

Product SKU:	RPCB1461	Gene ID:	25828	Size:	10µg
Tag:	N-His	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	Q99757
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Thioredoxin-2 (TXN2) is a mitochondrial member of the thioredoxin family. Thioredoxin-2 is extensively expressed in adult and fetal tissues. Thioredoxin-2 contains an N-terminal 59 amino acid transit peptide, which is cleaved before translocating to mitochondria. Mitochondrial thioredoxin play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. Thioredoxin-2 could be involved in the resistance to anti-tumor agents and possesses a dithiol- reducing activity. In addition, Thioredoxin-2 is important at low oxidative stress conditions.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Thioredoxin-2/MTRX/TXN2 Protein , tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.