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TST Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21669b

Specification

TST Blocking Peptide (C-Term) - Product Information

Primary Accession Q16762

TST Blocking Peptide (C-Term) - Additional Information

Gene ID 7263

Other Names
Thiosulfate sulfurtransferase, Rhodanese, TST

Target/Specificity
The synthetic peptide sequence is selected from aa 218-232 of HUMAN TST

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TST Blocking Peptide (C-Term) - Protein Information

Name TST

Function
Formation of iron-sulfur complexes, cyanide detoxification or modification of sulfur-containing enzymes. Other thiol compounds, besides cyanide, can act as sulfur ion acceptors. Also has weak mercaptopyruvate sulfurtransferase (MST) activity (By similarity). Together with MRPL18, acts as a mitochondrial import factor for the cytosolic 5S rRNA. Only the nascent unfolded cytoplasmic form is able to bind to the 5S rRNA.

Cellular Location
Mitochondrion matrix.

TST Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TST Blocking Peptide (C-Term) - Images

TST Blocking Peptide (C-Term) - Background

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TST Blocking Peptide (C-Term) - References

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Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham I.,et al.Nature 402:489-495(1999).