
Product Data Sheet

Product Name: TXNRD3NB Human
 Cat. No.: GP22337
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TR2IT1;TXNRD3IT1; TXNRD3NT1; Thioredoxin reductase 2 intronic transcript 1;Thioredoxin reductase 3 intronic transcript 1; Thioredoxin reductase 3 neighbor gene protein; TXNRD3 neighbor gene protein; Thioredoxin reductase 3 newtranscript 1; Protein TXNRD3NB.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMRDLSE RLGQPELKAE QQMPLEPVRA RLSVGLACCC SHTTAEASSLEHGDKVFGQG FPSPLEEIKR LLKISRALQA RSVPTQEKA KCLSGEPGQP EGKGQETYPG PGKVEGKAEPAMRKDDVCPG MKCISG		
Formulation	TXNRD3NB protein solution (0.25mg/ml) containing 20mMTris-HCl (pH 8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.		

Introduction

ThioredoxinReductase 3 Neighbor, also known as TXNRD3NB is expressed in pancreas, esophagus, bone marrow and keratinocytes. TXNRD3NB shares overlapping exons with TXNRD3. In addition the initiation codon is found in exon 3 of the TXNRD3IT1 gene.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TXNRD3NB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 156 amino acids (1-133 a.a) and having a molecular mass of 16.7kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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