9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NXT1 Human

NTF2-like Export Factor 1 Human Recombinant
RCP1546

Product Overview

Name	NXT1 Human
Description	
NTF2-like Export Factor 1 Human Recombinant	
Accession (Primary)	Q9UKK6
Synonyms	
NTF2-like export factor 1, MTR2, Protein P15, NTF2-related export protein 1, NUTF-like export factor 1, NTX2-like export factor1.	
Introduction	
NXT1 operates as a nuclear export factor in both RAN and CRM1 dependent pathways. NXT1 is known to stimulate the export of U1 snRNA in RAN (Ras-related nuclear protein) and CRM1 (chromosome region maintenance) dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. This protein heterodimerizes with Tap protein and regulates the ability of Tap protein to intermediate nuclear mRNA export.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The NXT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol and 0.1M NaCl.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MASVDFKTYV DQACRAAEEF VNVYYTTMDK RRRLLSRLYM GTATLVWNGN AVSGQESLSE FFEMLPSSEF QISVVDCQPV HDEATPSQTT VLVVICGSVK FEGNKQRDFN QNFILTAQAS PSNTVWKIAS DCFRFQDWAS.	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NXT1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UKK6)