
Product Data Sheet

Product Name: NUTF2 Human
 Cat. No.: GP24084
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Nuclear transport factor 2; NTF-2; Placental protein 15; PP15; NUTF2; NTF2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGDKPIWEQI GSSFIQHYYQ LFDNDRTQLG AIYIDASCLT WEGQQFQGKA AIVEKLSSLP FQKIQHSITA QDHQPTPDSC IISMVVGQLK ADEDPIMGFH QMFLKNIND AWWCTNDMFR LALHNFG.		
Formulation	NUTF2 Human solution containing 20mM Tris HCL pH-8, & 10% glycerol.		

Introduction

NUTF2 assists in protein transport into the nucleus and interacts with the nucleoporin p62 and with Ran. NUTF2 plays a role at a relatively late stage of nuclear protein import, subsequent to the initial docking of nuclear import ligand at the nuclear envelope. NUTF2 is part of a multicomponent system of cytosolic factors that come together at the pore complex during nuclear import.

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

NUTF2 Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 147 amino acids (1-127 a.a.) and having a molecular mass of 16.6 kDa. The NUTF2 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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

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