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## Product Data Sheet

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Product Name: NUDCD2 Human  
 Cat. No.: GP24079  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	NudC Domain Containing 2; NudC Domain-Containing Protein2; NudC-Like Protein 2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSAPFEE RSGVVPCGTP WGQWYQTL EE VFIEVQVPPG TRAQDIQCGLQSRHVALSVG GREILKGKLF DSTIADEGTW TLEDRKMOVRI VLTKTKRDAA NCWTSLL ESE YAADPWVQDQMQRKLT LERF QKENPGFDFS GAEISGNYTK GGPDFS NLEK		
Formulation	NUDCD2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

### Introduction

NudC Domain Containing 2 also known as NUDCD2 contains 1 CS domain and interacts with LIS1. NUDCD2 regulates the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone.

### 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). Please avoid freeze thaw cycles.

### Background

NUDCD2 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 180 amino acids (1-157 a.a) and having a molecular mass of 20kDa. NUDCD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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