

Recombinant human NUDCD2 protein

Catalog Number: ATGP2578

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-157aa

UniProt No.

Q8WVJ2

NCBI Accession No.

NP_660309

Alternative Names

NudC domain containing protein 2, NudCL2, DKFZp686E10109

PRODUCT SPECIFICATION

Molecular Weight

20.1 kDa (180aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

NUDCD2 contains 1 CS domain and interacts with LIS1. This protein may regulate the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone. Recombinant human NUDCD2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MSAPFEE RSGVVPCGTP WGQWYQTL EE VFIEVQVPPG TRAQDIQCGL
QSRHVALSVG GREILKGKLF DSTIADEGTW TLEDRKMVRI VLTKTKRDAA NCWTSLLESE YAADPWVQDQ MQRKLTLERF

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QKENPGFDFS GAEISGNYTK GGPDFSNLEK

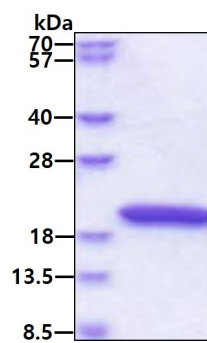
General References

Wiemann S, Weil B, et al. (2001). *Genome Res.* 11(3):422-35.

Wiemann S, Arlt D, et al. (2004). *Genome Res.* 14(10B):2136-44.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.