

Recombinant human NOP16 protein

Catalog Number: ATGP1881

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-178aa

UniProt No.

Q9Y3C1

NCBI Accession No.

NP_057475.2

Alternative Names

Nucleolar protein 16, HSPC111, HSPC185

PRODUCT SPECIFICATION

Molecular Weight

23.6 kDa (201aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM EDTA, 2mM DTT

Purity

> 85% 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

NOP16 is transcriptionally regulated by c-Myc and upregulated in breast cancer. Overexpression is associated with poor patient survival. Recombinant human NOP16 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>MPKAKGK TRRQKFGYSV NRKRLNRNAR RKAAPRIECS HIRHAWDHAK SVRQNLAE MG LAVDPNRAVP LRKRKVKAME VDIEERPKEL VRKPYVLNDL EAEASLPEKK GNTLSRDLID YVRYMVENHG

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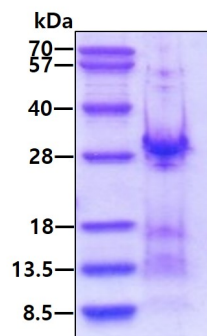
EDYKAMARDE KNYQDTPKQ IRSKINVYKR FYPAEWQDFL DSLQKRKMEV E

General References

Butt AJ, et al. (2008) Breast Cancer Res. 10 (2), R28

DATA

SDS-PAGE



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