Recombinant human GTLF3B/NATD1 protein

Catalog Number: ATGP2233

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-113aa

UniProt No.
Q8N6N6

NCBI Accession No.
NP_690878

Alternative Names
Protein GTLF3B, Gtlf3b, C17orf103, N-acetyltransferase domain-containing protein 1

PRODUCT SPECIFICATION

Molecular Weight
15.4 kDa (136aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% 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
Protein GTLF3B, also known as C17orf103, is a 113 amino acid protein that belongs to the GTLF3B family and is encoded by a gene that maps to human chromosome 17p11. 2. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. GTLF3B is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Recombinant human GTLF3B protein, fused to His-tag at N-terminus, was expressed in E. coli and

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purified by using conventional chromatography techniques.

Amino acid Sequence

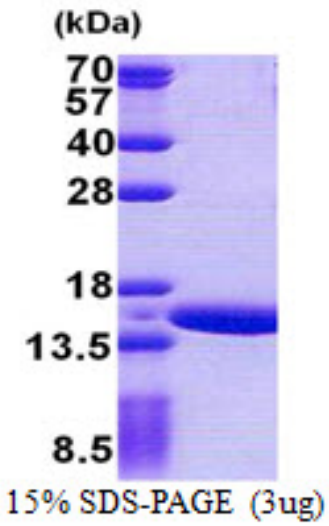
MGSSHHHHHH SSGLVPRGSH MGSMAHSAAA VPLGALEQGC PIRVEHDRRR RQFTVRLNGC HDRAVLLYEY VGKRIVDLQH TEVPDAYRGR GIAKHLAKAA LDFVVEEDLK AHLTCWYIQK YVKENPLPQY LERLQP

General References

Suela J., et al. (2007) J Clin Oncol. 25:1151-1152
Tai Y C., et al. (2007) J Natl Cancer Inset. 99:1811-1814.

DATA

SDS-PAGE



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