

**GTLF3B, 1-113aa, Human, His tag, E.coli**

**Cat.NO.: TP02373**

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3th Edition

**Synonyms:**Protein GTLF3B, Gtlf3b, C17orf103

**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 purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMASAAVPLGALEQGCPIRVEHDRRRRQFTVRLNGCHDRAVLLYEYVGK  
RIVDLQHTEVPDAYRGRGI AKHLAKAALDFVVEEDLKAHLTCWYIQKYVKENPLPQYLERLQP

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.