

32-3370: Recombinant Human Chromosome 17 Open Reading Frame 103

Alternative Name : Chromosome 17 Open Reading Frame 103, Transcript Expressed During Hematopoiesis 2, Gene Trap Locus F3b, Gtlf3b, Protein GTLF3B.

Description

Source : Escherichia Coli. C17ORF103 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 136 amino acids (1-113) and having a molecular mass of 15.4kDa. C17ORF103 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. C17orf103 is a member of the GTLF3B family and is encoded by a gene which is located in human chromosome 17p11.2. BRCA1 and p53 are 2 main tumor suppressor genes which are linked to chromosome 17. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. C17orf103 is also related to neurofibromatosis, a disorder characterized by neural and epidermal lesions, and dysregulated Schwann cell growth.

Product Info

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| Amount : | 20 µg |
| Purification : | Greater than 95% as determined by SDS-PAGE. |
| Content : | The C17ORF103 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. |
| Storage condition : | 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). Avoid multiple freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSMASAAA VPLGALEQGC PIRVEHRRR RQFTVRLNGC HDRAVLLY EY VGKRIVDLQH TEVPDAYRGR GIAKHLAKAA LDFVVEEDLK AHLTCWYIQK YVKENPLPQY LERLQP |