

Recombinant Human Tumor Suppressing Subtransferable Candidate 4, His-tagged

Cat. No. TSSC4-1370H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TSSC4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	TSSC4 belongs to the TSSC4 family. This protein is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer.
Form	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl.
Molecular Weight	36.8 kDa (353 aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS-PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSH MGSMAEAGT GEPSPSVEGE HGTEYDTLPS DTVSLSDSDS DLSPGGAEVEALSPMGLPG EEDSGPDEPP SPPSGLLPAT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VQPFHLRGMS STFSQRSRDI FDCLEGAARR APSSVAHTSMSDNGGFKRPL
 APSGRSPVEG LGRAHRSPAS PRVPPVPDYV AHPERWTKYS LEDVTEVSEQ
 SNQATALAFLGSQSLAAPT D CVSSFNQDPS SCGEGRVIFT KPVRGVEARH
 ERKRVLGKVG EPGRGGLGNP ATDRGEGPVELAHLAAGPGSP EAEWGWSPHG
 GLQEVEALSG SVHSGSVPGL PPVETVGFHG SRKRSRDHFR NKSSSPEDPGAEV

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

GENE INFORMATION

Gene Name [TSSC4 tumor suppressingsubtransferable candidate 4 \[Homo sapiens \]](#)

Official Symbol [TSSC4](#)

Synonyms TSSC4;tumor suppressing subtransferable candidate 4; proteinTSSC4; OTTHUMP00000229010; tumor-suppressing STF cDNA 4 protein;tumor-suppressing subchromosomal transferable fragment candidate gene 4protein

Gene ID [10078](#)

mRNA Refseq [NM_005706](#)

Protein Refseq [NP_005697](#)

MIM [603852](#)

UniProt ID [Q9Y5U2](#)

Chromosome Location 11p15.5

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