

Product datasheet for **AR50195PU-S**

TSSC4 (1-329, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TSSC4 (1-329, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAEAGT GEPSPSVEGE HGTEYDTLPS DTVSLSDSDS DLSLPGGAEV EALSPMGLPG EEDSGPDEPP SPPSGLLPAT VQPFHLRGMS STFSQRSRDI FDCLEGAARR APSSVAHTSM SDNGGFKRPL APSGRSPVEG LGRAHRSPAS PRVPPVPDY AHPERWTKYS LEDVTEVSEQ SNQATALAFL GSQSLAAPT D CVSSFNQDPS SCGEGRVI FT KPVRGVEARH ERKRVLGKVG EPGRGGLGNP ATDRGEGPVE LAHLAGPGSP EAEWGS PHG GLQEVEALSG SVHSGSVPGL PPVETVGFHG SRKRSRDHFR NKSSSPEDPG AEV
Tag:	His-tag
Predicted MW:	36.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TSSC4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001284587
Locus ID:	10078
UniProt ID:	Q9Y5U2
Cytogenetics:	11p15.5



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Summary:

This gene 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. This gene is located among several imprinted genes; however, this gene, as well as the pan-hematopoietic expression gene (PHEMX), escapes imprinting. This gene may play a role in malignancies and disease that involve this region. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

Protein Families:

Druggable Genome

Product images: