

Product datasheet for PH302870

TSSC4 (NM_005706) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TSSC4 MS Standard C13 and N15-labeled recombinant protein (NP_005697)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202870
Predicted MW:	34.3 kDa
Protein Sequence:	>RC202870 protein sequence Red=Cloning site Green=Tags(s)

MAEAGTGEPSPSVEGEHGTEYDITLPSDTVSLSDSDSLSLPGGAEVEALSPMGLPGEEDSGPDEPPSPPS
 GLLPATVQPFHLRGMSTFSQRSRDIFDCLEGAARRAPSSVAHTSMSDNGGFKRPLAPSGRSPVEGLGRA
 HRSPASPRVPPVPDYVAHPRWTKYSLEDVTEVSEQSNQATALAFLGSQSLAAPTDCVSSFNQDPSSCGE
 GRVIFTKPVRGVEARHERKRVLGKVGEPGRGGLGNPATDRGEGPVELAHLAGPGSPEAAEWGSPHGGLQE
 VEALSGSVHSGSVPGLPPVETVGFHGSRKRSRDHFRNKSSSPEDPGAEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005697
RefSeq Size:	1749
RefSeq ORF:	987
Locus ID:	10078
UniProt ID:	Q9Y5U2



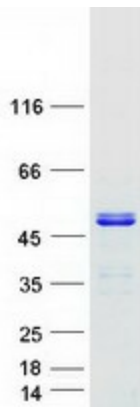
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Cytogenetics: 11p15.5

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:



Coomassie blue staining of purified TSSC4 protein (Cat# [TP302870]). The protein was produced from HEK293T cells transfected with TSSC4 cDNA clone (Cat# [RC202870]) using MegaTran 2.0 (Cat# [TT210002]).