

Product datasheet for PH306646

CST9L (NM_080610) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CST9L MS Standard C13 and N15-labeled recombinant protein (NP_542177)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206646
Predicted MW:	17.3 kDa
Protein Sequence:	>RC206646 protein sequence Red=Cloning site Green=Tags(s) MLGLPWKGGLSWALLLLLLLGSQILLIYAWHFHEQRDCDEHNVMARYLPATVEFAVHTFNQQSKDYAYRL GHILNSWKEQVESKTVFSMELLLGRTRCGKFEDDIDNCHFQESTELNNTFTCFFTISTRPWMTQFLLNK TCLEGFH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_542177
RefSeq Size:	982
RefSeq ORF:	441
Synonyms:	bA218C14.1; CTES7B
Locus ID:	128821
UniProt ID:	Q9H4G1 , A0A140VIH1



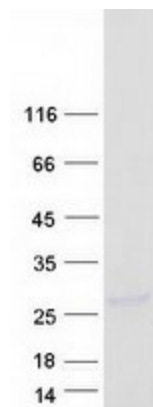
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Cytogenetics: 20p11.21

Summary: The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a protein similar to mouse cystatin 9. Based on its testis-specific expression, it is likely to have a role in tissue reorganization during early testis development. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified CST9L protein (Cat# [TP306646]). The protein was produced from HEK293T cells transfected with CST9L cDNA clone (Cat# [RC206646]) using MegaTran 2.0 (Cat# [TT210002]).