

Product datasheet for PH310088

TSC22D3 (NM_004089) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TSC22D3 MS Standard C13 and N15-labeled recombinant protein (NP_004080)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210088
Predicted MW:	14.8 kDa
Protein Sequence:	>RC210088 protein sequence Red=Cloning site Green=Tags(s) MNTEMYQTPMEVAVYQLHNF S ISFF SSSLGGDVVSVKLDNSASGASVVAIDNKIEQAMD LVKNHLMYAVR EEVEILKEQIRELVEKNSQLERENTLLKTLASPEQLEKFQSCLSPEEPAPESPQVPEAPGGS AV 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- 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_004080
RefSeq Size:	1986
RefSeq ORF:	402
Synonyms:	DIP; DSIPI; GILZ; TSC-22R
Locus ID:	1831
UniProt ID:	Q99576
Cytogenetics:	Xq22.3



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Summary:

This gene encodes the anti-inflammatory protein glucocorticoid (GC)-induced leucine zipper. Expression of this gene stimulated by glucocorticoids and interleukin 10 and it appears to play a key role in the anti-inflammatory and immunosuppressive effects of this steroid. This protein has also been shown to inhibit pro-inflammatory molecules including nuclear factor κ B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Protein Families:

Transcription Factors

Product images:

Coomassie blue staining of purified TSC22D3 protein (Cat# [TP310088]). The protein was produced from HEK293T cells transfected with TSC22D3 cDNA clone (Cat# [RC210088]) using MegaTran 2.0 (Cat# [TT210002]).