

## Product datasheet for PH302419

### CITED1 (NM\_004143) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CITED1 MS Standard C13 and N15-labeled recombinant protein (NP_004134)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202419
Predicted MW:	19.9 kDa
Protein Sequence:	>RC202419 protein sequence Red=Cloning site Green=Tags(s)  MPTTSRPALDVKGGTSPAKEDANQEMSSVAYSNLAVKDRKAVAILHYPGVASNGTKASGAPTSSSGSPIG SPTTTPPTKPPSFLHPAPHLASMLQLKLNLSQYQGMAAATPGQPGEAGPLQNWDFGAQAGGAESLSPSA GAQSPAIIDSDPVDEEVLMMLVVELGLDRANELPELWLGQNEFDFTADFPSSC  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:	<a href="#">NP_004134</a>
RefSeq Size:	1251
RefSeq ORF:	579
Synonyms:	MSG1
Locus ID:	4435
UniProt ID:	<a href="#">Q99966</a>



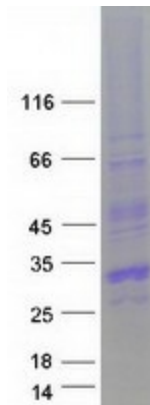
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**Cytogenetics:** Xq13.1

**Summary:** This gene encodes a member of the CREB-binding protein/p300-interacting transactivator with Asp/Glu-rich C-terminal domain (CITED) family of proteins. The encoded protein, also known as melanocyte-specific gene 1, may function as a transcriptional coactivator and may play a role in pigmentation of melanocytes. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]

**Protein Families:** Transcription Factors

**Product images:**



Coomassie blue staining of purified CITED1 protein (Cat# [TP302419]). The protein was produced from HEK293T cells transfected with CITED1 cDNA clone (Cat# [RC202419]) using MegaTran 2.0 (Cat# [TT210002]).