

## Product datasheet for **TP302419M**

### **CITED1 (NM\_004143) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1 (CITED1), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC202419 protein sequence

**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MPTTSRPALDVKGGTSPAKEDANQEMSSVAYSNLAVKDRKAVAILHYPGVASNGTKASGAPTSSSGSPIG  
SPTTTPPTKPPSFNLHPAPHLLASMLQLKLSQYQGMMAATPGQPGEAGPLQNWDFGAQAGGAESLPSA  
GAQSPAIIIDSDPVDEEVLMVSLVVELGLDRANELPELWLGQNEFDFTADFPSSC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 19.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_004134](#)

**Locus ID:** 4435

**UniProt ID:** [Q99966](#)



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RefSeq Size: 1251

Cytogenetics: Xq13.1

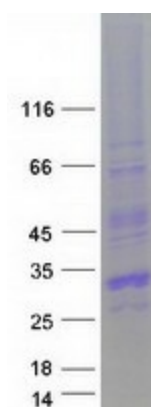
RefSeq ORF: 579

Synonyms: MSG1

**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]).