Recombinant Human CITED1 protein, His & T7-tagged

Cat. No. CITED1-1712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CITED1 aa. (Met1~Cys193 (Accession # Q99966)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Cys193
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

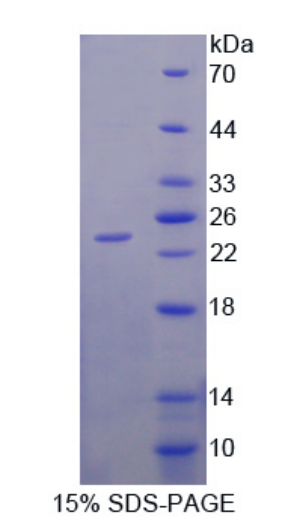
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.6

GENE INFORMATION

Gene Name	CITED1 Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 1 [Homo sapiens (human)]
Official Symbol	CITED1
Synonyms	CITED1; Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 1; MSG1; cbp/p300-interacting transactivator 1; melanocyte-specific gene 1; melanocyte-specific protein 1
Gene ID	4435
mRNA Refseq	NM_001144885.1
Protein Refseq	NP_001138357.1

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UniProt ID	Q99966
SDS-PAGE	 15% SDS-PAGE

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