

Recombinant Human CAND1 Protein, GST-Tagged

Cat. No. CAND1-0347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAND1 partial ORF (NP_060918, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an essential regulator of Cullin-RING ubiquitin ligases, which are involved in ubiquitinylation of proteins degraded by the Ub proteasome system. The encoded protein binds to unneddylated cullin-RING box protein complexes and acts as an inhibitor of cullin neddylation and of Skp1, cullin, and F box ubiquitin ligase complex assembly and activity. In mammalian cell culture, this protein predominantly localizes to the cytoplasm. Knockdown of this gene in preadipocytes results in blocked adipogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]
Molecular Mass	36.74 kDa
AA Sequence	MASASYHISNLLKMTSSDKDFRFRMATNDLMTELQKDSIKLDDDSERKVVKMILKLLLEDKNGEVQNLAVKCLGPLVSKVKEYQVETIVDTLCTNMLSDKE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 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

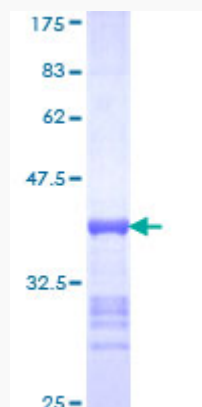
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CAND1 cullin-associated and neddylation-dissociated 1 [Homo sapiens]
Official Symbol	CAND1
Synonyms	CAND1; cullin-associated and neddylation-dissociated 1; cullin-associated NEDD8-dissociated protein 1; DKFZp434M1414; KIAA0829; TBP interacting protein; TIP120; TIP120A; p120 CAND1; TBP-interacting protein 120A; TBP-interacting protein of 120 kDa A; cullin-associated and neddylation-dissociated protein 1; FLJ10114; FLJ10929; FLJ38691; FLJ90441;
Gene ID	55832
mRNA Refseq	NM_018448
Protein Refseq	NP_060918
MIM	607727
UniProt ID	Q86VP6

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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