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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CIDEA (Human) Recombinant Protein (P01)

Catalog Number: H00001149-P01

Regulation Status: For research use only (RUO)

Product Description: Human CIDEA full-length ORF (AAH31896, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MRGDRASGGPGNHNGSWAREGPRLGPSWKRGLWS  
PRGGPNRPAEPSRPLTFMGSQTKRVLFTPLMHPARPF  
RVSNHDRSSRRGVMASSLQELISKTLDALVIATGLVTL  
VLEEDGTVVDTEEFFQTLGDNTHFMILEKGQKWMPGS  
QHVPTCSPPKRSGIARVTFDLYRLNPKDFIGCLNVKAT  
MYEMYSVSYDIRCTGLKGLLRSLRFLSYSAQVTGQFL  
IYLGTYMLRVLDDKEERPSLRSQAKGRFTCG
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.57

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1149

Gene Symbol: CIDEA

Gene Alias: CIDE-A

Gene Summary: This gene encodes the homolog of the

mouse protein Cidea that has been shown to activate apoptosis. This activation of apoptosis is inhibited by the DNA fragmentation factor DFF45 but not by caspase inhibitors. Mice that lack functional Cidea have higher metabolic rates, higher lipolysis in brown adipose tissue and higher core body temperatures when subjected to cold. These mice are also resistant to diet-induced obesity and diabetes. This suggests that in mice this gene product plays a role in thermogenesis and lipolysis. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]