

Recombinant Full Length Human CIDEA Protein, GST-tagged

Cat. No. CIDEA-1848HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CIDEA full-length ORF (AAH31896, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	253 amino acids
Description	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. Alternatively spliced transcripts have been identified. [provided by RefSeq, Aug 2010]
Molecular Mass	53.57 kDa
AA Sequence	MRGDRASGGPGNHNGSWAREGPRLGPSWKRLWSPRGGPNRPAEPSRPLTFMG SQTKRVLFTPLMHPARPFVRVSNHDRSSRRGVMASSLQELISKTLDALVIATGLVTLVL EEDGTVVDTEEFFQTLGDNTHFMILEKGQKWMPGSQHVP TCSPPKRSGIARVTFDL YRLNPKDFIGCLNVKATMYEMYSVSYDIRCTGLKGLLRSLRFLSYSAQVTGQFLIYL GTYMLRVLDDKEERPSLRSQAKGRFTCG

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	CIDEA cell death-inducing DFFA-like effector a [Homo sapiens]
Official Symbol	CIDEA
Synonyms	CIDEA; cell death-inducing DFFA-like effector a; cell death activator CIDE-A; CIDE A; CIDE-A
Gene ID	1149
mRNA Refseq	NM_001279
Protein Refseq	NP_001270
MIM	604440
UniProt ID	O60543

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