Recombinant Human CIDEA cell lysate

Cat. No. CIDEA-358HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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. Two alternative transcripts encoding different isoforms have been identified.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CIDEA cell death-inducing DFFA-like effector a [Homo sapiens]
Official Symbol	CIDEA

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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
Chromosome Location	18p11.21
Function	protein homodimerization activity;

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