

Recombinant Human UBA5 cell lysate

Cat. No. UBA5-2143HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a member of the E1-like ubiquitin-activating enzyme family. This protein activates ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein, via the formation of a high-energy thioester bond. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. A pseudogene located on chromosome 1 has also 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	UBA5?ubiquitin-like modifier activating enzyme 5 [?Homo sapiens?(human)]
Official Symbol	UBA5
Synonyms	UBA5; ubiquitin-like modifier activating enzyme 5; THIFP1; UBE1DC1; ubiquitin-like modifier-activating enzyme 5; UFM1-activating enzyme; ubiquitin-activating enzyme 5; UBA5, ubiquitin-activating enzyme E1 homolog; ubiquitin-activating enzyme E1-

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	domain containing 1; ubiquitin-activating enzyme E1 domain-containing protein 1
Gene ID	79876
mRNA Refseq	NM_024818
Protein Refseq	NP_079094
MIM	610552
UniProt ID	Q9GZZ9
Chromosome Location	3q22.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem
Function	ATP binding; UFM1 activating enzyme activity; cofactor binding; metal ion binding