

Recombinant Human UBA5, GST-tagged

Cat. No. UBA5-3516H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBA5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	UBA5 ubiquitin-like modifier activating enzyme 5 [Homo sapiens]
Official Symbol	UBA5
Synonyms	UBA5; ubiquitin-like modifier activating enzyme 5; UBE1DC1, ubiquitin activating enzyme E1 domain containing 1; ubiquitin-like modifier-activating enzyme 5; FLJ23251; ubiquitin activating enzyme E1 homolog (yeast); UFM1-activating enzyme; ubiquitin-activating enzyme 5; UBA5, ubiquitin-activating enzyme E1 homolog;

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ubiquitin-activating enzyme E1-domain containing 1; ubiquitin-activating enzyme E1 domain-containing protein 1; THIFP1; UBE1DC1; FLJ17281; FLJ23251UBA5;

Gene ID [79876](#)

mRNA Refseq [NM_024818](#)

Protein Refseq [NP_079094](#)

MIM [610552](#)

UniProt ID [Q9GZZ9](#)

Chromosome Location 3q22

Pathway Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organi

Function ATP binding; UFM1 activating enzyme activity; catalytic activity; cofactor binding; metal ion binding; nucleotide binding; oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor; protein binding;

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