

Active Recombinant Human UBA1

Cat. No. UBA1-105H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBA1, was expressed in E.coli.
Species	Human
Source	E.coli
Form	Liquid. 50mM Tris Buffer, pH 8.0, 100mM NaCl, 10% glycerol.
Bio-activity	Typical enzyme concentration of 5nM – 100nM is used for in vitro conjugation, depending on conditions
Molecular Mass	118kDa
Purity	>95% by SDS-PAGE
Storage	Store at -80°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	UBA1 ubiquitin-like modifier activating enzyme 1 [Homo sapiens]
Official Symbol	UBA1
Synonyms	UBA1; ubiquitin-like modifier activating enzyme 1; A1S9T, GXP1, UBE1, ubiquitin activating enzyme E1 , ubiquitin activating enzyme E1 (A1S9T and BN75 temperature

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sensitivity complementing); ubiquitin-like modifier-activating enzyme 1; POC20; POC20 centriolar protein homolog (Chlamydomonas); ubiquitin activating enzyme E1 homolog (yeast); UBE1X; POC20 centriolar protein homolog; UBA1, ubiquitin-activating enzyme E1 homolog A; A1S9T and BN75 temperature sensitivity complementing; A1S9; A1ST; GXP1; UBE1; A1S9T; AMCX1; SMAX2; UBA1A; MGC4781;

Gene ID [7317](#)

mRNA Refseq [NM_003334](#)

Protein Refseq [NP_003325](#)

MIM [314370](#)

UniProt ID [P22314](#)

Chromosome Location Xp11.23

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, organism-specific biosystem; Parkinsons disease, organism-specific biosystem;

Function ATP binding; ligase activity; nucleotide binding; protein binding; small protein activating enzyme activity;

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