

Recombinant Human UBA6, FLAG-tagged

Cat. No. UBA6-31449TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Uba6 with N-terminal Flag tag, expressed in a Baculovirus infected Sf9 cell expression system; MWt 118 kDa.
Species	Human
Description	Modification of proteins with ubiquitin (UBB; MIM 191339) or ubiquitin-like proteins controls many signaling networks and requires a ubiquitin-activating enzyme (E1), a ubiquitin conjugating enzyme (E2), and a ubiquitin protein ligase (E3). UBE1L2 is an E1 enzyme that initiates the activation and conjugation of ubiquitin-like proteins (Jin et al.
Conjugation	FLAG
Tissue specificity	Widely expressed. Isoform 2 is predominantly expressed in testis with higher expression in adult testis than in fetal testis.
Form	Liquid
Storage buffer	pH: 8.00 Constituents: 0.05% Tween, 0.0462% DTT, 20% Glycerol, 0.58% Sodium chloride, 0.395% Tris HCl
Storage	Store at -80°C
Sequence Similarities	Belongs to the ubiquitin-activating E1 family.

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Full Length

Full L.

GENE INFORMATION

Gene Name

UBA6 ubiquitin-like modifier activating enzyme 6 [Homo sapiens]

Official Symbol

UBA6

Synonyms

UBA6; ubiquitin-like modifier activating enzyme 6; UBE1L2, ubiquitin activating enzyme E1 like 2; ubiquitin-like modifier-activating enzyme 6; FLJ10808; ubiquitin activating enzyme E1;

Gene ID

55236

mRNA Refseq

NM_018227

Protein Refseq

NP_060697

MIM

611361

Uniprot ID

A0AVT1

**Chromosome
Location**

4q13.2

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;

Function

ATP binding; FAT10 activating enzyme activity; ligase activity; nucleotide binding; protein binding;

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