

# Recombinant Full Length Human UBA6 Protein, GST-tagged

Cat. No. UBA6-4848HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FLJ10808 full-length ORF ( AAH31637, 1 a.a. - 389 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	389 amino acids
<b>Description</b>	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., 2007 [PubMed 17597759]).[supplied by OMIM
<b>Molecular Mass</b>	68.31 kDa
<b>AA Sequence</b>	MEGSEPVAAHQGEEEASCSSWGTGSTNKNLPIMSTASVEIDDALYSRQRYVLGDTA MQKMAKSHVFLSGMGGLGLEIAKNLVLGAIKAVTIHDTEKQAWDLGTNFFLSEDDV VNKRNRAEAVLKHIAELNPYVHVTSSSVPFNETDLSFLDKYQCVVLTEMKLPLQKKI NDFCRSQCPPIKFISADVHGIWSRLFCDFGDEFVLDTTGEEPKEIFISNITQANPGIV TCLENHPHKLETGQFLTFREINGMTGLNGSIQQITVISPFSSFSIGDTTELEPYLHGZIA VQVKTPKTVFFESLERQLKHPKCLIVDFSNPEAPLEIHTAMLALDQFQEKYSRKPVN GCQQDSEELLKLATSISETLEEKVTIEIYGCPNICLLIHKCSVY

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	UBA6 ubiquitin-like modifier activating enzyme 6 [ Homo sapiens ]
<b>Official Symbol</b>	UBA6
<b>Synonyms</b>	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; monocyte protein 4; ubiquitin-activating enzyme 6; UBA6, ubiquitin-activating enzyme E1; ubiquitin-activating enzyme E1-like 2; ubiquitin-activating enzyme E1-like protein 2; E1-L2; MOP-4; UBE1L2; FLJ23367;
<b>Gene ID</b>	55236
<b>mRNA Refseq</b>	NM_018227
<b>Protein Refseq</b>	NP_060697
<b>MIM</b>	611361



UniProt ID

A0AVT1

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