

## Product datasheet for TP314483

### UBA6 (NM\_018227) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-like modifier activating enzyme 6 (UBA6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214483 representing NM_018227 Red=Cloning site Green=Tags(s)

MEGSEPVAAHQGEEASCSSWGTGSTNKNLPIMSTASVEIDDALYSRQRYVLGDTAMQKMAKSHVFLSGMG  
GLGLEIAKNLVLGAIKAVTIHDTEKCQAWDLGTNFFLSEDDVWNKRNRAEAVLKHIAELNPYVHTSSSV  
PFNETTDL SFLDKYQCWVLT E M K L P L Q K K I N D F C R S Q C P P I K F I S A D V H G I W S R L F C D F G D E F E V L D T T G  
E E P K E I F I S N I T Q A N P G I V T C L E N H P H K L E T G Q F L T F R E I N G M T G L N G S I Q Q I T V I S P F S F S I G D T T E L E  
P Y L H G G I A V Q V K T P K T V F F E S L E R Q L K H P K C L I V D F S N P E A P L E I H T A M L A L D Q F Q E K Y S R K P N V G C Q Q D  
S E E L L K L A T S I S E T L E E K P D V N A D I V H W L S W T A Q G F L S P L A A A V G G V A S Q E V L K A V T G K F S P L C Q W L Y L E  
A A D I V E S L G K P E C E E F L P R G D R Y D A L R A C I G D T L C Q K L Q N L I F L V G C G A I G C E M L K N F A L L G V G T S K E K  
G M I T V T D P D L I E K S N L N R Q F L R P H H I Q K P K S Y T A A D A T L K I N S Q I K I D A H L N K V C P T T E T I Y N D E F Y T K  
Q D V I T A L D N V E A R R Y V D S R C L A N L R P L L D S G T M G T K G H T E V I V P H L T E S Y N S H R D P P E E E I P F C T L K S F  
P A A I E H T I Q W A R D K F E S S F S H K P S L F N K F W Q T Y S S A E E V L Q K I Q S G H S L E G C F Q V I K L L S R R P R N W S Q C V  
E L A R L K F E K Y F N H K A L Q L L H C F P L D I R L K D G S L F W Q S P K R P P S P I K F D L N E P L H L S F L Q N A A K L Y A T V Y C  
I P F A E E D L S A D A L L N I L S E V K I Q E F K P S N K V V Q T D E T A R K P D H V P I S S E D E R N A I F Q L E K A I L S N E A T K S  
D L Q M A V L S F E K D D D H N G H I D F I T A A S N L R A K M Y S I E P A D R F K T K R I A G K I I P A I A T T T A T V S G L V A L E M I  
K V T G G Y P F E A Y K N C F L N L A I P I V V F T E T T E V R K T K I R N G I S F T I W D R W T V H G K E D F T L L D F I N A V K E K Y G  
I E P T M V V Q G V K M L Y P V M P G H A K R L K L T M H K L V K P T T E K K Y V D L T V S F A P D I D G D E D L P G P P V R Y Y F S H D  
T D

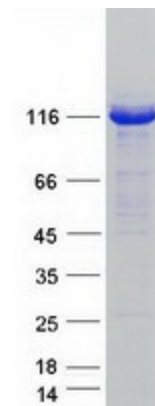
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	117.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_060697</u>
<b>Locus ID:</b>	55236
<b>UniProt ID:</b>	<u>A0AVT1, A1LT96</u>
<b>RefSeq Size:</b>	6462
<b>Cytogenetics:</b>	4q13.2
<b>RefSeq ORF:</b>	3156
<b>Synonyms:</b>	E1-L2; MOP-4; UBE1L2
<b>Summary:</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, Mar 2008]
<b>Protein Pathways:</b>	Ubiquitin mediated proteolysis

**Product images:**

Coomassie blue staining of purified UBA6 protein (Cat# TP314483). The protein was produced from HEK293T cells transfected with UBA6 cDNA clone (Cat# [RC214483]) using MegaTran 2.0 (Cat# [TT210002]).