Recombinant Human Ubiquitin-like modifier-activating enzyme 5 (UBA5)

Product Code	CSB-BP875638HU
Abbreviation	UBA5
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9GZZ9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAESVERLQQ RVQELERELA QERSLQVPRS GDGGGGRVRI EKMSSEVVDS NPYSRLMALK RMGIVSDYEK IRTFAVAIVG VGGVGSVTAE MLTRCGIGKL LLFDYDKVEL ANMNRLFFQP HQAGLSKVQA AEHTLRNINP DVLFEVHNYN ITTVENFQHF MDRISNGGLE EGKPVDLVLS CVDNFEARMT INTACNELGQ TWMESGVSEN AVSGHIQLII PGESACFACA PPLVVAANID EKTLKREGVC AASLPTTMGV VAGILVQNVL KFLLNFGTVS FYLGYNAMQD FFPTMSMKPN PQCDDRNCRK QQEEYKKKVA ALPKQEVIQE EEEIIHEDNE WGIELVSEVS EEELKNFSGP VPDLPEGITV AYTIPKKQED SVTELTVEDS GESLEDLMAK MKNM
Source	Baculovirus
Target Names	UBA5
Protein Names	Recommended name: Ubiquitin-like modifier-activating enzyme 5 Short name= Ubiquitin-activating enzyme 5 Alternative name(s): ThiFP1 UFM1-activating enzyme Ubiquitin-activating enzyme E1 domain-containing protein 1
Expression Region	1-404
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the E1-like ubiquitin-activating enzyme family. This protein activates ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein, via the formation of a high-energy thioester bond. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. A pseudogene located on chromosome 1 has also been identified.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.