

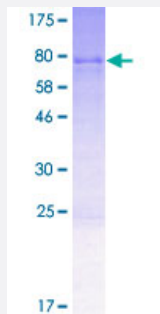
Full-Length

UFL1 (Human) Recombinant Protein (P01)

Catalog # H00023376-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human UFL1 full-length ORF (AAH28608.1, 1 a.a. - 509 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADAWEEIRRLAADFQRAQFAEATQRLSERNCIEIVNKLIAQKQLEVHTLDGKEYITPAQISKEMR
DELHVRGGRVNVLDLQQVINVDLIHENRIGDIKSEKHVQLVLGQLIDENYLDRLAEEVNDKLQESG
QVTISELCKTYDLPGNFLTQALTQRLGRIISGHIDLDNRGVIFTEAFVARHKARIRGLFSAITRPTAVNS
LISKYGFQEQLLYSVLEELVNSGRLRGTVVGGRQDKAVFVPDIYSRTQSTWVDSFFRQNGYLEFD
ALSRLGIPDAVSYYKKRYKTTQLLFLKAACVGQGLVDQVEASVEEAISSTWVDIAPLLPTSLSVED
AAILLQQVMRAFSSKQASTVVFSDTVVVSEKFINDCTELFRELMHQKAEKEMKNNPVHLITEEDLK
QISTLESVSTSKDKDKDERRRKATEGSGSMRGGGGGNAREYKIKKVKKKGRKDDSDDESQSS
HTGKKKPEISFMFQDEIEDFLRKHIQDAPEEFISELAEYLIKQV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84

Interspecies Antigen Sequence

Mouse (91); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UFL1

Entrez GeneID	23376
GeneBank Accession#	BC028608.1
Protein Accession#	AAH28608.1
Gene Name	UFL1
Gene Alias	KIAA0776, Maxer, NLBP, RCAD, RP3-393D12.1
Gene Description	UFM1-specific ligase 1
Gene Ontology	Hyperlink
Other Designations	E3 UFM1-protein ligase 1; LZAP-binding protein; Regulator of CDK5RAP3 and DDRGK1; novel LZAP-binding protein

Publication Reference

- [Optimized protocol to detect protein UFMylation in cells and in vitro via immunoblotting.](#)

Junzhi Zhou, Qian Liang, Maogong Dong, Xiaohe Ma, Yaqi Jin, Di Guan, Jiang Liu, Miao Wang, Yu-Sheng Cong.
STAR Protocols 2022 Jan; 3(1):101074.

Application: Catalytic, Human, Recombinant Protein