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UBD Protein (AA 1-165, full length) (His-SUMO Tag)





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100 μg
UBD
full length, AA 1-165
Human
Escherichia coli (E. coli)
Recombinant
This UBD protein is labelled with His-SUMO Tag.
SDS-PAGE (SDS)
MAPNASCLCV HVRSEEWDLM TFDANPYDSV KKIKEHVRSK TKVPVQDQVL LLGSKILKPR
MAPNASCLCV HVRSEEWDLM TFDANPYDSV KKIKEHVRSK TKVPVQDQVL LLGSKILKPR RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE
RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE
RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE TKTGIIPETQ IVTCNGKRLE DGKMMADYGI RKGNLLFLAC YCIGG
RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE TKTGIIPETQ IVTCNGKRLE DGKMMADYGI RKGNLLFLAC YCIGG SDS-PAGE
RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE TKTGIIPETQ IVTCNGKRLE DGKMMADYGI RKGNLLFLAC YCIGG SDS-PAGE
RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE TKTGIIPETQ IVTCNGKRLE DGKMMADYGI RKGNLLFLAC YCIGG SDS-PAGE > 90 %
RSLSSYGIDK EKTIHLTLKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE TKTGIIPETQ IVTCNGKRLE DGKMMADYGI RKGNLLFLAC YCIGG SDS-PAGE > 90 % UBD

manner. Probably functions as a survival factor. Conjugation ability activated by UBA6. Promotes the expression of the proteasome subunit beta type-9 (PSMB9/LMP2). Regulates TNF-alpha-induced and LPS-mediated activation of the central mediator of innate immunity NF-kappa-B by promoting TNF-alpha-mediated proteasomal degradation of ubiquitinated-l-kappa-B-alpha. Required for TNF-alpha-induced p65 nuclear translocation in renal tubular epithelial cells (RTECs). May be involved in dendritic cell (DC) maturation, the process by which immature dendritic cells differentiate into fully competent antigen-presenting cells that initiate T-cell responses. Mediates mitotic non-disjunction and chromosome instability, in long-term in vitro culture and cancers, by abbreviating mitotic phase and impairing the kinetochore localization of MAD2L1 during the prometaphase stage of the cell cycle. May be involved in the formation of aggresomes when proteasome is saturated or impaired. Mediates apoptosis in a caspase-dependent manner, especially in renal epithelium and tubular cells during renal diseases such as polycystic kidney disease and Human immunodeficiency virus (HIV)-associated nephropathy (HIVAN)

Molecular Weight: 34.46 kDa

UniProt: 015205

Pathways: Ubiquitin Proteasome Pathway

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format:

Liquid

Concentration:

0.1-2 mg/mL

Buffer:

20 mM Tris-HCl based buffer, pH 8.0

Storage:

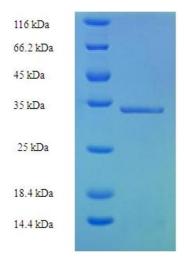
-80 °C,4 °C,-20 °C

Storage Comment:

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing

is not recommended. Store working aliquots at 4°C for up to one week.

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SDS-PAGE

Image 1.