

Recombinant human UBTD2 protein

Catalog Number: ATGP1697

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-234aa

UniProt No.

Q8WUN7

NCBI Accession No.

NP_689490

Alternative Names

ubiquitin domain containing 2, DCuBP, SB72

PRODUCT SPECIFICATION

Molecular Weight

28.6 kDa (257aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

uBTD2, also known as DCuBP (dendritic cell-derived ubiquitin-like protein), is a ubiquitin (ub) domain-containing protein first identified from dendritic cells, and is implicated in ubiquitination pathway. ubiquitin is the most well understood post-translation modifier, there is a growing family of ubiquitin-like proteins (uBLs) that modify cellular targets in a pathway. uBL proteins are involved in a variety of cellular processes, including DNA repair, protein sorting, apoptosis, protein degradation, cell division and autophagy. Recombinant human uBTD2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography

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techniques.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MGGCVGA QHDSSGSLNE NSEGTGVALG RNQPLKKEKP KWKSDYPMTD
GQLRSKRDEF WDTAPAFEGR KEIWDALKAA AHAFESNDHE LAQAIIDGAN ITLPHGALTE CYDELGNRYQ LPVYCLAPPI
NMIEEKSDIE TLDIPEPPPN SGYECQLRLR LSTGKDLKLV VRSTDVTFHM KRRLHAAEGV EPGSQRWFFS GRPLTDKMKF
EELKIPKDYV VQVIVSQPVQ NPTPVEN

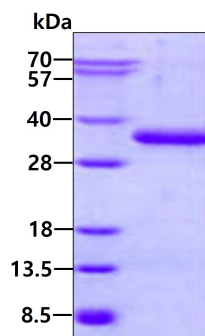
General References

Song AX, et al. (2010) Protein Sci. 19(5):1104-9.

Gao, Y.G., et al. (2005) Protein Sci. 14: 2044-2050.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.