

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 ITPH GALTE CYDELGNRYQ LPVYCLAPPI
NMIEEKSDIE TLDIPEPPP N SGYECQLRLR LSTGKDLKLV VRSTDTVFHM KRRLHAAEGV EPGSQRWFFS GRPLTDKMKF
EELKIPKDYV VQVIVSQPVQ NPTPVEN

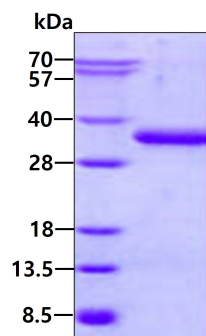
General References

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.