

Recombinant human UBD/FAT10 protein

Catalog Number: ATGP1208

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-165aa

UniProt No.

O15205

NCBI Accession No.

NP_006389.2

Alternative Names

ubiquitin D, Diubiquitin, FAT10, GABBR1, uBD-3

PRODUCT SPECIFICATION

Molecular Weight

20.9 kDa (188aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

Purity

> 85% 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

UBD, also known as ubiquitin D, is an ubiquitin-like modifier (UBL) of the ubiquitin protein family. UBD is an ubiquitin-like protein that can form covalent conjugates, thereby targeting proteins for degradation by the 26S proteasome. UBD has putative roles in regulation of cell cycle, innate immunity, and apoptosis. UBD is a TNF-alpha-inducible ubiquitin-like protein with a putative role in immune response. Recombinant human UBD protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Recombinant human UBD/FAT10 protein

Catalog Number: ATGP1208

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MAPNASC LCVHVRSEEW DLMTFDANPY DSVKKIKEHV RSKTKVPVQD
QVLLGSKIL KRRSLSSYG IDKEKTIHLT LKVVKPSDEE LPLFLVESGD EAKRHLLQVR RSSSVAQVKA MIETKTGIIP
ETQIVTCNGK RLEDGKMMAD YGIRKGNLLF LACYCIGG

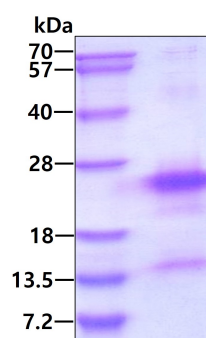
General References

Hipp M.S., et al. (2005) Mol. Cell. Biol. 25:3483-3491

Ross M.J., et al. (2006) J. Am. Soc. Nephrol. 17:996-1004

DATA

SDS-PAGE



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