

Recombinant human Ubch2/UBE2H protein

Catalog Number: ATGP1508

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-183aa

UniProt No.

P62256

NCBI Accession No.

NP_003335

Alternative Names

Ubiquitin-conjugating enzyme E2 H, E2 ubiquitin-conjugating enzyme H, Ubch2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBCH, UBC8, GID3

PRODUCT SPECIFICATION

Molecular Weight

23.1 kDa (206aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl

Purity

> 90% 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

uBE2H (ubiquitin-conjugating enzyme E2 H) belongs to the ubiquitin-conjugating enzyme family. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. uBE2H is Accepts ubiquitin from the E1 complex and

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catalyzes its covalent attachment to other proteins. Recombinant human uBE2H protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSMSPPSPG KRRMDTDVVK LIESKHEVTI LGGLNEFVVK FYGPQGTPYE GGWVKVRVDL
PDKYPFKSPS IGFMNKIFHP NIDEASGTVC LDVINQWTWA LYDLTNIFES FLPQLLAYPN PIDPLNGDAA AMYLHRPEEY
KQKIKEYIQK YATEEALKEQ EEGTGDSSSE SSMSDFSEDE AQDMEL

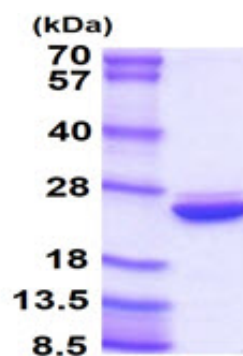
General References

Kaiser P., et al. (1994) J. Biol. Chem. 269:8797-8802

David Y., et al. (2010) J. Biol. Chem. 285:8595-8604

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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