Recombinant human Ubc16/UBE2W protein

Catalog Number: ATGP1079

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-151aa

UniProt No.
Q96B02

NCBI Accession No.
NP_060769.5

Alternative Names
ubiquitin conjugating enzyme E2 W, E2 ubiquitin-conjugating enzyme W, N-terminal E2 ubiquitin-conjugating enzyme, N-terminus-conjugating E2, Ubiquitin carrier protein W, Ubiquitin-conjugating enzyme 16, UBC-16, Ubiquitin-protein ligase W

PRODUCT SPECIFICATION

Molecular Weight
19.4 kDa (171aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid. In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

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
uBE2W accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. This protein in vitro catalyzes monoubiquitination and 'Lys-11'-linked polyubiquitination. uBE2W is widely expressed, especially at highest levels in testis. Recombinant human uBE2W protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

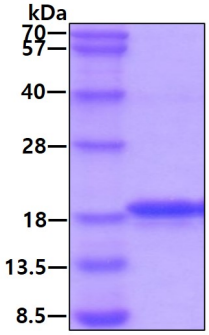
<MGSSHHHHHH SSGLVPRGSH> MASMQKRLQK ELLALQNDPP PGMTLNEKSV QNSITQWIVD MEGAPGTLYE GEKFQLLFKF SSRYPFDSPQ VMFTGENIPV HPHVYSNGHI CLSILTEDWS PALSVQSVCL SIISMLSSCK EKRRPPDNSF YVRTCNKNPK KTKWWYHDDT C

General References

David Y., et al. (2010) J Biol Chem. 285(12):8595-604

DATA

SDS-PAGE



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