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Schillerstr. 5

SA6047X Human UBE2G1 - Purified

Alternate names: E217K, UBC7, UBE2G, Ubiquitin carrier protein G1, Ubiquitin-conjugating enzyme E2

G1, Ubiquitin-protein ligase G1

Quantity: 0.5 mg
Concentration: 1.0 mg/ml

Background: Human Ubquitin-conjugating enzyme 7 (UbcH7) is a ubiquitin-conjugating enzyme

(E2) mediating c-fos degradation, transcription factor NF-κB maturation, and human papilloma virus-mediated p53 and Myc protein degradation, in vitro. The ubiquitin-conjugating enzymes (E2s) are essential components of the post-translational protein ubiquitination pathway, mediating the transfer of activated ubiquitin to substrate proteins. The human UBE2L1-UBE2L4 gene could potentially encode different isoforms of the UbcH7. UBE2L3 gene, located at chromosome 22q11.2, is the only identical family member with introns and encodes a polypeptide sequence identical to that of

UbcH7.

Uniprot ID: P62253

NCBI: NP 003333.1

GeneID: 7326
Species: Human
Source: E. coli

Format: State: Liquid protein

Purity: >95% by SDS-PAGE

Buffer System: 50 mM HEPES (pH7.5) 150 mM NaCl, 1 mM DTT, 10% glycerol.

Description: UbcH7 (154amino acid) was over-expressed in E. coli and purified by using

conventional chromatography techniques.

AA Sequence:

MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP

LRADLAEEYS KDRKKFCKNA EEFTKKYGEK RPVD **Molecular weight:** 17.9 kDa (154 amino acids)

Storage: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing

and thawing.

Shelf life: one year from despatch.

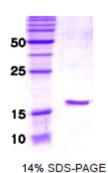
General Readings: 1. Ardley, H.C., et al (2000) Biochim. Biophys. Acta. 1491(1-3), 57-64.

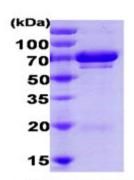
Moynihan, T.P., et al (1998) Genomics. 51(1), 124-127.
 Nuber, U., et al (1996) J. Biol. Chem. 271(5) 2795-2800.



Pictures:

Western blot analysis of anti-UBE2G1 Antibody (N-term) (Cat.#AP11982PU-N) in mouse heart tissue lysates (35ug/lane). UBE2G1 (arrow) was detected using the purified Pab.





15% SDS-PAGE (3ug)