

MATERIAL DATA SHEET**UbcH7, human recombinant****Cat. # E2-640**

UbcH7 mediates the selective degradation of short-lived and abnormal proteins and is highly homologous to UbcH5. UbcH7 interacts with the HECT domain of E6-AP and the RING domain of c-Cbl, and can mediate the multi-ubiquitination of many different types of protein substrates.

Product Information

Quantity:	X µg
Stock:	X mg/ml (X µM) in 50 mM HEPES pH 8.0, 50 mM NaCl, 10% glycerol, 1 mM DTT. Actual concentration will vary with specific Lot #.
MW:	18 kDa
Purity:	> 95 % by SDS-PAGE

Use & Storage

Use:	Typical enzyme concentration to support conjugation <i>in vitro</i> is 100 nM-1 µM depending on conditions.
Storage:	Store at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:	Ardley H.C., <i>et al.</i> (1997) <u>Cytogenet. Cell. Genet.</u> 79 :188-192 Cook, W.J. (1997) <u>Biochem.</u> (1997) 36 :1621-1627 Huang L., <i>et al.</i> (1999) <u>Science</u> 286 :1321-1326 Nuber U., <i>et al.</i> (1996) <u>J. Biol. Chem.</u> 271 : 2795-2800 Moynihan T.P., <i>et al.</i> (1999) <u>J. Biol. Chem.</u> 241 : 30963-30968 Schwarz S.E., <i>et al.</i> (1998) <u>J. Biol. Chem.</u> 273 :12148-12154 Zheng N., <i>et al.</i> (2000) <u>Cell</u> 102 :533-539
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