

**MATERIAL DATA SHEET****UbcH7/UBE2L3, 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**

<b>Quantity:</b>	X µg
<b>Stock:</b>	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 #.
<b>MW:</b>	18 kDa
<b>Purity:</b>	> 95 % by SDS-PAGE

**Use & Storage**

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

**Literature**

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

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