

Lot # XXXXX

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MATERIAL DATA SHEET

His₆-UBE2D4 (UbcH5D), human recombinant

Cat. # E2-705

UBE2D (UbcH5) enzymes are human homologues of the yeast UBC4/5 family and play many important regulatory roles in inflammation and cancer. UBE2D4 (UbcH5D) has been reported to generate multiple ubiquitin chain linkage types *in vitro*, and may serve as the E2 carrier protein for numerous ubiquitin ligases. This protein contains an N-terminal 6-His tag.

Product Information

Quantity:	50 µg 100µg
Stock:	X mg/ml (X µM) in 50 mM HEPES pH 8.0, 500 mM NaCl, 2 mM DTT.
MW:	17.5 kD
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:	David Y., <i>et al.</i> (2010) <u>J Biol Chem.</u> 285 : 8595-8604 Ye Y., and Rape M. (2009) <u>Nat. Rev. Mol. Cell Bio.</u> 10 : 755-764
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