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## MATERIAL DATA SHEET

**His<sub>6</sub>-UBE2J2, isoform 1, human recombinant**

**Cat. # E2-710**

UBE2J2 is a transmembrane, endoplasmic reticulum-associated E2 that may be involved in targeting retrotranslocated, ER-associated proteins for proteasomal degradation (ERAD). This E2 is utilized by the  $\gamma$ -HV68 viral mK3 ligase in the polyubiquitination of substrates on serine, and/or threonine residues. The transmembrane and luminal domains of this protein have been removed. This protein contains an N-terminal 6-His tag.

### Product Information

<b>Quantity:</b>	50 $\mu$ g   100 $\mu$ g
<b>Stock:</b>	X mg/ml (X $\mu$ M) in 50 mM HEPES pH 7.5, 200 mM NaCl, 2 mM DTT
<b>MW:</b>	26.3 kD
<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 $\mu$ M depending on conditions.
<b>Storage:</b>	Store at -80°C. Avoid multiple freeze/thaw cycles.

### Literature

<b>References:</b>	David Y., <i>et al.</i> (2010) <u>J Biol Chem.</u> <b>285</b> : 8595-8604 Wang X., <i>et al.</i> (2009) <u>J.Cell Biol.</u> <b>187</b> :655-668
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