

UBE2N/Ubc13 Protein, Human (sf9, His, Strep)

Cat. No.:	HY-P79452
Synonyms:	NEDD8-conjugating enzyme UBE2F; UBE2F; NEDD8 carrier protein UBE2F; NEDD8 protein ligase UBE2F; NEDD8-conjugating enzyme 2; RING-type E3 NEDD8 transferase UBE2F; Ubiquitin-conjugating enzyme E2 F; NCE2
Species:	Human
Source:	Sf9 insect cells
Accession:	P61088 (A2-I152)
Gene ID:	7334
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	UBE2F protein plays a crucial role in the ubiquitin-like protein NEDD8 conjugation pathway, accepting NEDD8 from the UBA3-NAE1 E1 complex and catalyzing its covalent attachment to various target proteins. Its distinctive interaction with the E3 ubiquitin ligase RBX2, rather than RBX1, implies that the RBX2-UBE2F complex is specialized in neddylation of specific target proteins, notably CUL5. This specific interaction and neddylation activity highlight UBE2F's involvement in the regulation of cellular processes related to the targeted ubiquitination of key substrates.
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Caution: Product has not been fully validated for medical applications. For research use only.

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