

## UB2Q2 Protein, Human (Sf9)

Cat. No.:	HY-P701495
Synonyms:	UBE2Q2; Ubiquitin-conjugating enzyme E2 Q2; E2 ubiquitin-conjugating enzyme Q2; Ubiquitin carrier protein Q2; Ubiquitin-protein ligase Q2
Species:	Human
Source:	Sf9 insect cells
Accession:	Q8WVN8 (S2-G375)
Gene ID:	92912
Molecular Weight:	

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 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	UB2Q2, a crucial participant in the ubiquitin-proteasome system, operates as an E2 ubiquitin-conjugating enzyme, demonstrating proficiency in accepting ubiquitin from the E1 complex and catalyzing its covalent attachment to various protein substrates. In vitro settings, UB2Q2 showcases its catalytic activity by efficiently mediating 'Lys-48'-linked polyubiquitination reactions. As a key contributor to the ubiquitin machinery, UB2Q2 plays a pivotal role in the targeted degradation of specific proteins, thereby influencing cellular processes regulated by ubiquitin-dependent proteolysis.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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