UB2L5 Protein, Human (Sf9, His, Strep)

Cat. No.:	HY-P702066
Synonyms:	UBE2L5; Ubiquitin-conjugating enzyme E2 L5; Ubiquitin-protein ligase L5
Species:	Human
Source:	Sf9 insect cells
Accession:	A0A1B0GUS4 (A2-D154)
Gene ID:	/
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.
Reconsititution	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	QDPR protein plays a pivotal role in cellular biopterin metabolism by catalyzing the conversion of quinonoid dihydrobiopterin into tetrahydrobiopterin. This enzymatic activity is crucial for maintaining the proper balance of biopterin cofactors, as tetrahydrobiopterin is an essential coenzyme involved in various enzymatic reactions, including neurotransmitter synthesis and the breakdown of phenylalanine. The catalytic function of QDPR highlights its significance in regulating biopterin levels and, consequently, its impact on diverse metabolic pathways within the cell.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA