
Product Data Sheet

Product Name: UBE2J2 Human
 Cat. No.: GP22359
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquitin-conjugating enzyme E2 J2; ubiquitin-conjugating enzyme E2 J2 (UBC6 homolog east); Non-canonical ubiquitin-conjugating enzyme 2; ubiquitin conjugating enzyme 6; PRO2121; yeast UBC6 homolog; Ubc6p; NCUBE-2; EC 6.3.2.19.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSSTSS KRAPTTATQR LKQDYLRICK DPVPYICAEP LPSNILEWHY VVRGPEMTPY EGGYYHGKLI FPREFPFKPP SIYMITPNGR FKCNTLRLCLS ITDFHPDTWN PAWSVSTILT GLLSFMVEKG PTLGSIETSD FTKRQLAVQS LAFNLKDKVF CELFPEVVVEE IKQKQKAQDE LSSRPQTLPL PDVVPDGETH LVQNGIQLLN GHAPGAVPNL AGLQQANRHH		
Formulation	The UBE2J2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT and 30% glycerol.		

Introduction

Ubiquitin-conjugating enzyme E2 J2 (UBE2J2) is a member of the ubiquitin-conjugating enzyme family. UBE2J2 catalyzes the covalent attachment of ubiquitin to other proteins. UBE2J2 is located in the membrane of the endoplasmic reticulum. UBE2J2 participates in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum (ERAD).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

UBE2J2 Human Recombinant produced in E. coli is a single polypeptide chain containing

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250 amino acids (1-226) and having a molecular mass of 28.0 kDa.UBE2J2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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