
Product Data Sheet

Product Name: UBE2W Human
 Cat. No.: GP22370
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Probable ubiquitin-conjugating enzyme E2 W; Ubiquitin carrier protein W; Ubiquitin-protein ligase W; UBE2W; hUBC-16; FLJ11011.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASMQRRLQK ELLALQNDPP PGMTLNEKSV QNSITQWIVD MEGAPGTLYE GEKFQLLFKF SSRYPFDSPQ VMFTGENIPV HPHVYSNGHI CLSILTEDWS PALSVQSVCL SIISMLSSCK EKRRPPDNSF YVRTCNKNPK KTKWWYHDDT C.		
Formulation	UBE2W solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.		

Introduction

UBE2W receives ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro, UBE2W catalyzes monoubiquitination and 'Lys-11'-linked polyubiquitination. UBE2W is broadly expressed, particularly at highest levels in the testis.

Stability

UBE2W Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

Background

UBE2W produced in E.Coli is a single, non-glycosylated polypeptide chain containing 171 amino acids (1-151 a.a.) and having a molecular mass of 19.5kDa.UBE2W is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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