9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

UBL4A Human

Ubiquitin-Like 4A Human Recombinant
RCP2493

Product Overview

Name	UBL4A Human
Description	
Ubiquitin-Like 4A Human Recombinant	
Accession (Primary)	P11441
Synonyms	
Ubiquitin-like protein 4A, Ubiquitin-like protein GDX, UBL4A, DXS254E, GDX, UBL4, G6PD, GET5, MDY2, TMA24, DX254E.	
Introduction	
Ubiquitin-Like 4A (UBL4A) contains one ubiquitin-like domain. UBL4A is a component of the BAT3 complex, which is a multiprotein complex involved in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. Post-translational modification by ubiquitin and ubiquitin-related proteins plays decisive roles in protein degradation and in regulation of crucial cellular processes. Due to the fact that in mammals, transcription halts during late spermiogenesis as a result of compaction of the spermatid genome, which creates a special need for robust post-transcriptional regulation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
UBL4A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MQLTVKALQG RECSLQVPED ELVSTLKQLV SEKLNVPVRQ QRLLFKGKAL ADGKRLSDYS IGPNSKLNLV	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VKPLEKVLLE EGEAQRLADS PPPQVWQLIS KVLARHFSAA DASRVLEQLQ RDYERSLSRL TLDDIERLAS RFLHPEVTET MEKGFSK LEH HHHHH .

Precautions

UBL4A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P11441)