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32-5181: Recombinant Human Ubiquitin-Like 4A

Alternative Name :	Ubiquitin-like protein 4A,Ubiquitin-like protein GDX,UBL4A,DXS254E,GDX,UBL4,G6PD,GET5,MDY2,TMA24,DX254E.

Description

Source : Escherichia Coli. UBL4A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 165 amino acids (1-157 a.a.) and having a molecular mass of 18.8kDa.UBL4A is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	UBL4A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.
Storage condition :	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.
Amino Acid :	MQLTVKALQG RECSLQVPED ELVSTLKQLV SEKLNVPVRQ QRLLFKGKAL ADGKRLSDYS IGPNSKLNLV VKPLEKVLLE EGEAQRLADS PPPQVWQLIS KVLARHFSAA DASRVLEQLQ RDYERSLSRL TLDDIERLAS RFLHPEVTET MEKGFSKLEH HHHHH.

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