

Ubiquitin-Like 4A Human Recombinant

Item Number	rAP-5014
Synonyms	Ubiquitin-like protein 4A, Ubiquitin-like protein GDX, UBL4A, DXS254E, GDX, UBL4, G6PD, GET5, MDY2, TMA24, DX254E.
Description	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.
Uniprot Accesion Number	P11441
Amino Acid Sequence	MQLTVKALQG RECSLQVPED ELVSTLKQLV SEKLNVPVRQ QRLLFKGKAL ADGKRLSDYS IG-PNSKLNLV VKPLEKVLLE EGEAQRLADS PPPQVWQLIS KVLARHFSAA DASRVLEQLQ RDYERSLSRL TLDDIERLAS RFLHPEVTET MEKGFSKLEH HHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	UBL4A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**