

Ubiquitin-D Human Recombinant

Item Number	rAP-5035
Synonyms	Ubiquitin D, Diubiquitin, Ubiquitin-like protein FAT10, UBD, FAT10, UBD-3, GABBR1.
Description	UBD Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 188 amino acids (1-165 a.a.) and having a molecular mass of 20.9kDa.UBD is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O15205
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPNASC LCVHVRSEEW DLMTFDANPY DSVKKIKEHV RSKTKVPVQD QVLLLGSKIL KPRRSLSSYG IDKEKTIHLT LKVVKPSDEE LPLFLVESGD EAKRHLLQVR RSSSVAQVKA MIETKTGIIP ETQIVTCNGK RLEDGKMMAD YGIRKGNLLF LACYCIGG.
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	UBD protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT. Greater than 90.0% 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 ender users! This product is sold for **Research Use Only**