

Ubiquitin Aldehyde Binding 2 Human Recombinant

Item Number	rAP-5020
Synonyms	Ubiquitin thioesterase OTUB2, Deubiquitinating enzyme OTUB2, OTU domain-containing ubiquitin aldehyde-binding protein 2, Otubain-2, Ubiquitin-specific-processing protease OTUB2, OTUB2, C14orf137, OTB2, OTU2.
Description	OTUB2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 254 amino acids (1-234 a.a.) and having a molecular mass of 29.4kDa.OTUB2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96DC9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSETSFNLIS EKCDILSILR DHPENRIYRR KIEELSKRFT AIRKTKGDGN CFYRALGYSY LESLLGKSRE IFKFKERV LQ TPNDLLAAGF EEHKFRNFFN AFYSVVVELVE KDGSVSSLLK VFNDQSASDH IVQFLRLLTS AFIRNRADFF RHFIDEEMDI KDFCTHEVEP MATECDHIQI TALSQALSIA LQVEYVDEMD TALNHHVFPE AATPSVYLLY KTSYHNILYA ADKH.
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	OTUB2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM 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 ender users! This product is sold for **Research Use Only**