

YOD1 Human Recombinant

Item Number	rAP-1094
Synonyms	DUBA8, OTUD2, PRO0907, RP11-164O23.1, Ubiquitin thioesterase OTU1, DUBA-8, HIN-7, HsHIN7, OTU domain-containing protein 2.
Description	YOD1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 371 amino acids (1-348) and having a molecular mass of 40.7kDa. YOD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q5VVQ6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMFGPAKG RHFGVHPAPG FPGGVSQQAA GTKAGPAGAW PVGS-RTDTMW RLRCKAKDGT HVLQGLSSRT RVRELQGQIA AITGIAPGGQ RILVGYPEEC LDLSNGDTIL EDLPIQSGDM LIIEDQTRP RSSPAFTKRG ASSYVRETLV VLTRTVVPAD NSCLFTSVYY VVEGGVLNPA CAPEMRRLIA QIVASDPDFY SEAILGKTNQ EYCDWIKRDD TWGGAIEISI LSKFYQCEIC VVDTQTVRID RFGEDAGYTK RVLLIYDGIH YDPLQRNFPD PDTPLTIIFS SNDDIVLVQA LELADEARRR RQFTDVNRFTR LRCMVCQKGL TGQAEAREHA KETGHTNFGE V.
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	The YOD1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol 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**