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YOD1, 1-348aa, Human, His tag, E.coli

产品货号: TP04522

第三版

别名: Ubiquitin thioesterase OTU1, DUBA8, OTUD2, PRO0907, RP11-164O23.1

描述: YOD1 is a highly conserved deubiquitinating enzyme of the ovarian tumor (otubain) family, whose function has yet to be assigned in mammalian cells. YOD1 is a constituent of a multiprotein complex with p97 as its nucleus, suggesting a functional link to a pathway responsible for the dislocation of misfolded proteins from the endoplasmic reticulum. Expression of a YOD1 variant deprived of its deubiquitinating activity imposes a halt on the dislocation reaction, as judged by the stabilization of various dislocation substrates. Recombinant human YOD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

分子量: 40.7 kDa (371aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMFGPAKGRHFGVHPAPGFPGGVSQQAAGTKAGPAGAWPVGSRDTMTWRLRCK
AKDGTHVLQGLSSRTRVRELQGQIAAITGIAPGGQRILVGYPPECLDLSNGDTILEDLPIQSGDMLIIEEDQTRPRSSPAFTKR
GASSYVRETLPLVLRTRVVPADNSCLFTSVYYVVEGGVLNPACAPEMRRLIAQIVASDPDFYSEAILGKTNQEYCDWIKRDD
TWGGAIEISILSKFYQCEICVVDVTQTVRIDRFGEDAGYTKRVLLIYDGIHYDPLQRNFPDPDTPPLTIFSSNDDIVLVQALELA
DEARRRRQFTDVNRFTLRMVCQKGLTGQAEAREHAKETGHTNFGEV

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.