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SQSTM1, 1-356 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP04026

第三版

别名:A170, OSIL, p60, p62, p62B, PDB3, ZIP3, Sequestosome 1 EBI 3 associated protein of 60 kDa, ZIP, ZIP 3, EBI3 associated protein of 60 kDa, EBIAP, MGC127197, ORCA.M530, OSF-6, Osi

描述:SQSTM1 is an adapter protein which binds ubiquitin and regulates signaling cascades through ubiquitination. It may regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1 and play a role in titin/TTN downstream signaling in muscle cells. This protein also may be involved in cell differentiation, apoptosis, immune response and regulation of K⁺ channels. Mutations in the ubiquitin-associated (UBA) domain of the sequestosome 1 protein commonly cause Paget's disease since the UBA is necessary for aggregate sequestration and cell survival. Recombinant SQSTM1 protein, fused to His-tag at C-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 10% glycerol 1mM DTT.

分子量:39.7 kDa (364aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MAMSYVKDDIFRIYIKEKKECRRDHRPPCAQEAPRNMVHPNVICDGCNGPVVGVTRYKCSVCPDYDLCSVCEGKGLHRG
HTKLAFPSFGHLSEGFHSRWLRKVKHGHFGWPGWEMGPPGNWSPRPPRAGEARPGPTAESASGPSEDPSVNFKNVG
ESVAAALSPLGIEVDIDVEHGGKRSRLTPVSPESSSTEEKSSSQSSCCSDPSKPGGNVEGATQSLAEQMRKIALESEGRPEEQ
MESDNCSGGDDWTHLSSKEVDPSTGELQSLQMPESGSSLDPSQEGPTGLKEAALYPHLPPEADPRLIESLSQMLSMGFS
DEGGWLTRLLQTKNYDIGAALDTIQYSKHPPPLLEHHHHHH

纯度:> 95% by HPLC

浓度:1 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.