

Sequestosome 1 Human Recombinant

Item Number	rAP-4464
Synonyms	A170, OSIL, p60, p62, p62B, PDB3, ZIP3, EBIAP, ORCA, OSIL, SQSTM1.
Description	SQSTM1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 264 amino acids (1-356 a.a.) and having a molecular mass of 39.7 kDa. SQSTM1 protein is fused to an 8 amino acid His-Tag at C-terminus and purified by standard chromatography.
Uniprot Accession Number	Q13501
Amino Acid Sequence	MAMSYVKDDI FRIYIEKKE CRRDHRPPCA QEAPRNMVHP NVICDGCNGP VVGTRYKCSV CPDYDLCSVC EGKGLHRGHT KLAFFSPFGH LSEGFHSRW LRKVKHGHFG WPGWEMGPPG NWSRPPRAG EARGPTAES ASGPSEDPSV NFLKNVGEV AAALSPLGIE VDIDVEHGGK RSRLTPVSPE SSSTEEKSSS QPSSCCSDPS KPGGNVEGAT QSLAEQMRKI ALESEGRPEE QMES- DNCSSG DDDWTHLSSK EVDPTGELQ SLQMPSEGP SSLDPSQEGP TGLKEAALYP HLPPEADPRL IESLSQMLSM GFSDEGGWLT RLLQTKNYDI GAALDTIQYS KHPPPLLEHH HHHH.
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	SQSTM1 Human solution containing 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol. Greater than 90% 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**