



# Recombinant Mouse Sequestosome-1 (Sqstm1)

<b>Product Code</b>	CSB-BP723738MO
<b>Abbreviation</b>	Sqstm1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q64337
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ASFTVKAYL LGKEEATREI RRFSCFCFSPE PEAEAQAAAG PGPCERLLSR VAVLFPTLRP GGFQAHYRDE DGDLVAFSSD EELTMAMSYV KDDIFRIYIK EKKECRREHR PPCAQEAPRN MVHPNVICDG CNGPVVGTRY KCSVCPDYDL CSVCEGKGLH REHSLKIFPN PFGHLSDSFS HSRWLRKCLKH GHFGWPGWEM GPPGNWSPRP PRAGDGRPCP TAESASAPPE DPNVNFKNV GESVAAALSP LGIEVDIDVE HGGKRSRLTP TPESSTGT EDKSNTQPSS CSSEVSKPDG AGEQPAQSLT EQMKKIALES VGQPEEQMES GNCSSGDDDDW THLSSKEVDP STGELQSLQM PESEGPSSLD PSQEGPTGLK EAALYPHLP EADPRLIESL SQMLSMGFSD EGGWLTRLLQ TKNYDIGAAL DTIQYSKHPP PL
<b>Source</b>	Baculovirus
<b>Target Names</b>	Sqstm1
<b>Protein Names</b>	Recommended name: Sequestosome-1 Alternative name(s): STONE14 Ubiquitin-binding protein p62
<b>Expression Region</b>	2-442
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-κB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-κB in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

---

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.