



# Recombinant Human Sequestosome-1 (SQSTM1)

<b>Product Code</b>	CSB-EP615696HU-B
<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>	Q13501
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAMSYVKDDIFRIYIKEKKECRRDHRPPCAQEAPRNMVHPNVICDGCNGPVV GTRYKCSV CPDYDLCSVCEGKGLHRGHTKLAFSPFGHLSEGFSHSRWLRKVKHGHFGW PGWEMGPPG NWSRPPRAGEARPGPTAESASGPSEDPSVNFKNVGESVAAALSPLGIEVDI DVEHGGK RSRLTPVSPESSSTEEKSSSQPSSCCSDPSKPGGNVEGATQSLAEQMRKIAL ESEGRPEE QMESDNCSSGGDDWTHLSSKEVDPSTGELQSLQMPSEGPSSLDPSQEGPT GLKEAALYP HLPPEADPRLIESLSQMLSMGFSDEGGWLTRLLQTKNYDIGAALDTIQYSKHP PPL
<b>Source</b>	E.coli
<b>Target Names</b>	SQSTM1
<b>Protein Names</b>	Recommended name: Sequestosome-1 Alternative name(s): EBI3-associated protein of 60 kDa Short name= EBIAP Short name= p60 Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa Ubiquitin-binding protein p62
<b>Expression Region</b>	1-356
<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 Isoform 2
<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.

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**Reconstitution**

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.

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**Shelf Life**

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