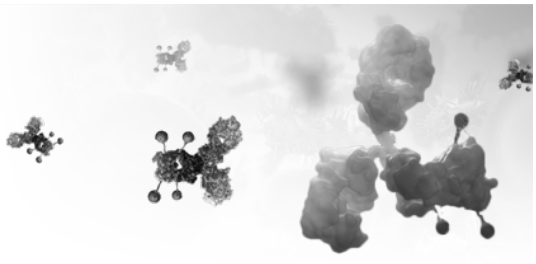

SQSTM1 blocking peptide (CDBP6188)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB 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. [provided by RefSeq, Mar 2009]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SQSTM1 sequestosome 1 [Homo sapiens (human)]
Official Symbol	SQSTM1
Synonyms	SQSTM1; sequestosome 1; p60; p62; A170; OSIL; PDB3; ZIP3; p62B; sequestosome-1; EBIAP; EBI3-associated protein p60; oxidative stress induced like; ubiquitin-binding protein p62; EBI3-associated protein of 60 kDa; phosphotyrosine independent ligand for the Lck SH2 domain p62; phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa

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Entrez Gene ID	8878
mRNA Refseq	NM_001142298
Protein Refseq	NP_001135770
UniProt ID	Q13501
Pathway	BDNF signaling pathway; Cell death signalling via NRAGE; Cytokine Signaling in Immune system; IL1-mediated signaling events; Immune System; Interleukin-1 signaling; NF-kB is activated and signals survival; NRIF signals cell death from the nucleus
Function	K63-linked polyubiquitin binding; SH2 domain binding; identical protein binding; protein binding; protein homodimerization activity; protein kinase C binding; protein kinase binding; protein serine/threonine kinase activity; receptor tyrosine kinase binding; ubiquitin binding; zinc ion binding

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