

## Recombinant Human MALT1, GST-tagged

**Cat. No.** MALT1-27H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MALT1(1 a.a. - 813 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene has been found to be recurrently rearranged in chromosomal translocation with two other genes - baculoviral IAP repeat-containing protein 3 (also known as apoptosis inhibitor 2) and immunoglobulin heavy chain locus - in mucosa-associated lymphoid tissue lymphomas. The protein encoded by this gene may play a role in NF-kappaB activation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.
<b>Molecular Mass</b>	117.5 kDa
<b>AA Sequence</b>	MSLLGDPLQALPPSAAPTGPLLAPPAGATLNRLREPLLRRLSELLDQAPEGRGWRR LAELAGSRGRLRLSCLDLE QCSLKVLEPEGSPSLCCLKLMGEKGCTVTELSDFLQA MEHTEVLQLLSPPGIKITVNPESKAVLAGQFVKLCCRA TGHPFVQYQWFKMNKEIP NGNTSELIFNAVHVKDAGFYVCRVNNNFTFEFSQWSQLDVCIPESFQRSVDGVSE S KLQICVEPTSQKLMPGSTLVLQCVAVGSPIPHYQWFKNELPLTHETKKLYMVPYV DLEHQGTYWCHVYNDRDSQD SKKVEIIIDELNNLGHDPNKEQTTDQPLAKDKVALLI GNMNYREHPKLKAPLVDVYELTNLLRQLDFKVVSLDL TEYEMRNAVDEFLLLLDKG VYGLLYYAGHGYENFGNSFMVPVDAPNPYRSENCLCVQNILKLMQEKETGLNVFLL

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DMCRKRNDYDDTIPILDALKVTANIVFGYATCQGAEAFEIQHSGLANGIFMKFLKDRL  
 LEDKKITVLLDEVAEDM GKCHLTGKQALEIRSSLSEKRALTDPIQGTEYSAESLVRN  
 LQWAKAHELPEMCLKFDCGVQIQLGFAAEFSNV MIIYTSIVYKPPEIIMCDAYVTDF  
 PLDLDIDPKDANKGTPEETGSYLVSKDLPHKCLYTRLSSLQKLKEHLVFTV CLSYQY  
 SGLEDTVEDKQEVNVGKPLIAKLDMHRGLGRKTCFQTCLMSNGPYQSSAATSGGA  
 GHYHSLQDPFHGVY HSHPGNPSNVTPADSCHCSRTPDAFISSFAHHASCHFSSRN  
 VPVETTDEIPFSFSDRLRISEK

**Applications** ELISA; WB-Re; AP; Array

**Storage** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [MALT1](#) [MALT1 paracaspase \[ Homo sapiens \(human\) \]](#)

**Official Symbol** MALT1

**Synonyms** MALT1; mucosa associated lymphoid tissue lymphoma translocation gene 1; MLT; mucosa-associated lymphoid tissue lymphoma translocation protein 1; paracaspase; caspase-like protein; MALT associated translocation; MALT lymphoma-associated translocation; MALT-lymphoma associated translocation; MLT1; DKFZp434L132

**Gene ID** [10892](#)

**mRNA Refseq** [NM\\_173844](#)

**Protein Refseq** [NP\\_776216](#)

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<b>MIM</b>	604860
<b>UniProt ID</b>	Q9UDY8
<b>Chromosome Location</b>	18q21
<b>Pathway</b>	Activation of NF-kappaB in B cells; B cell receptor signaling pathway; BCR signaling pathway
<b>Function</b>	cysteine-type endopeptidase activity; peptidase activity; protein binding

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