# Recombinant Human PSMA2, GST-tagged

**Cat. No.** PSMA2-2010H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human PSMA2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-234aa |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

## GENE INFORMATION

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| **Gene Name** | PSMA2 proteasome (prosome, macropain) subunit, alpha type, 2 [ Homo sapiens ] |
| **Official Symbol** | PSMA2 |
| **Synonyms** | PSMA2; proteasome (prosome, macropain) subunit, alpha type, 2; proteasome subunit alpha type-2; HC3; MU; PMSA2; macropain subunit C3; proteasome subunit HC3; proteasome component C3; multicatalytic endopeptidase complex subunit C3; PSC2; |

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| **Gene ID** | 5683 |
| **mRNA Refseq** | NM_002787 |
| **Protein Refseq** | NP_002778 |
| **MIM** | 176842 |
| **UniProt ID** | P25787 |
| **Chromosome Location** | 7p13 |
| **Pathway** | APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; |
| **Function** | peptidase activity; protein binding; threonine-type endopeptidase activity; |

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