

## Recombinant Human TAP1, GST-tagged

Cat. No. TAP1-3113H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TAP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-300aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	TAP1 transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) [ Homo sapiens ]
<b>Official Symbol</b>	TAP1
<b>Synonyms</b>	TAP1; transporter 1, ATP-binding cassette, sub-family B (MDR/TAP); ABCB2; antigen peptide transporter 1; D6S114E; PSF1; RING4; ABC transporter, MHC 1; peptide supply factor 1; peptide transporter PSF1; peptide transporter TAP1; really interesting new gene 4 protein; ATP-binding cassette sub-family B member 2; transporter

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associated with antigen processing; peptide transporter involved in antigen processing 1; ATP-binding cassette, sub-family B (MDR/TAP), member 2; transporter, ATP-binding cassette, major histocompatibility complex, 1; APT1; ABC17; PSF-1; TAP1N; TAP1\*0102N; FLJ26666; FLJ41500;

**Gene ID** [6890](#)

**mRNA Refseq** [NM\\_000593](#)

**Protein Refseq** [NP\\_000584](#)

**MIM** [170260](#)

**UniProt ID** [Q03518](#)

**Chromosome Location** 6p21.3

**Pathway**

ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Antigen pro

**Function**

ADP binding; ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; MHC class I protein binding; TAP1 binding; TAP1 binding; TAP2 binding; TAP2 binding; nucleotide binding; oligopeptide-transporting ATPase activity

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