Recombinant Human TAP1, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TAP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300aa
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

Gene Name	TAP1 transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) [Homo sapiens]
Official Symbol	TAP1
Synonyms	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA