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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TAP2 (Human) Recombinant Protein (P02)

Catalog Number: H00006891-P02

Regulation Status: For research use only (RUO)

Product Description: Human TAP2 full-length ORF (ENSP00000372599, 1 a.a. - 686 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRLPDLRPWTSLLLVDAAALLWLLQGPLGTLLPQGLPG
LWLEGLRLGGLWGLLKLRLGLLGFVGTLLPLCLATPL
TVSLRALVAGASRAPPARVASAPWSWLLVGGAAGL
SWSLWAVLSPPGAQEKEQDQVNNKVLWVRLKLSRP
DLPLLVAFFFLVAVLGETLIPHYSRVIDILGGDFDPH
AFASAIFFMCLFSFGSSLSAGCRGGCFTYTMSRINLRI
REQLFSSLLRQDLGFFQETKTGELNSRLSSDITLMSN
WLPLNANVLLRSLVKVVGLYGFMLSISPRLTLLSLLHM
PFTIAAEKVYNTRHQEVLREIQDAVARAGQVVREAVG
GLQTVRSFGAAEEHEVCRYKEALEQCRQLYWRDLER
ALYLLVRRVLHLGVQMLMLSCGLQQMQDGELTQGSLL
SFMIIQESVGSYVQTLVYIYGDMLSNVGAEEKVFSYM
DRQPNLPSPGTLAPTTLQGVVKFQDVSFAYPNRPDRP
VLKGLTFTLRPGEVTALVGPNGSGKSTVAALLQNLQYQ
PTGGQVLLDEKPIQYEHYCYLHSHQVSVGQEPVLFSG
SVRNNIAYGLQSCEDDKVMAAAQAAHADDFIQEMEHEG
IYTDVGEKGSQLAAGQKQRLAIARALVRDPRVLILDEA
TSALDVQCEQALQDWNSRGDRTVLVIAHRLQTVQRA
HQILVLQEGKLQKLAQL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 102.1

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

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

Entrez GeneID: 6891

Gene Symbol: TAP2

Gene Alias: ABC18, ABCB3, APT2, D6S217E, PSF2, RING11

Gene Summary: The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. This gene is located 7 kb telomeric to gene family member ABCB2. The protein encoded by this gene is involved in antigen presentation. This protein forms a heterodimer with ABCB2 in order to transport peptides from the cytoplasm to the endoplasmic reticulum. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. Alternative splicing of this gene produces two products which differ in peptide selectivity and level of restoration of surface expression of MHC class I molecules. [provided by RefSeq]