

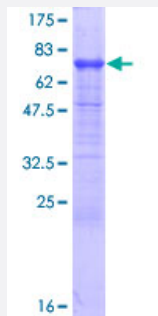
Full-Length

TAPBPL (Human) Recombinant Protein (P01)

Catalog # H00055080-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TAPBPL full-length ORF (NP_060479.2, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGTQEGWCLLLCLALSGAAETKPHPAEGQWRAVDVVLDCFLVKDGAHRGALASSEDRARASL
VLKQVPVLDDGSLEDFTDFQGGTLAQDDPPIFEASVDLVQIPQAEALLHADCSGKEVTCEISRYF
LQMTETTVKTAAWFMANVQVSGGGPSISLVMKTPRVAKNEVLWHPTLNLPLSPQGTVRTAVEFQ
VMTQTQSLSFLLGSSASLDCGFSMAPGLDLISVEWRLQHKGRGQLVYSWTAGQGQAVRKGATL
EPAQLGMARDASLTLPGLTIQDEGTICQITTSLYRAQQIQLNIQASPKVRLSLANEALLPTLICDIAG
YYPLDVVVVTWREELGGSPAQVSGASFSSLRQSVAGTYSISSSLTAEPGSAGATYTCQVTHISLEE
PLGASTQVPPERRTALGVIFASSLFLLALMFLGLQRRQAPTGLGLLQAERWETTSCADTQSSHL
HEDRTARVSQPS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TAPBPL

Entrez GeneID[55080](#)**GeneBank Accession#**[NM_018009.3](#)**Protein Accession#**[NP_060479.2](#)**Gene Name**

TAPBPL

Gene Alias

FLJ10143, TAPBP-R, TAPBPR

Gene Description

TAP binding protein-like

Omim ID[607081](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Tapasin, or TAPBP (MIM 601962), is a member of the variable-constant Ig superfamily that links major histocompatibility complex (MHC) class I molecules to the transporter associated with antigen processing (TAP; see MIM 170260) in the endoplasmic reticulum (ER). The TAPBP gene is located near the MHC complex on chromosome 6p21.3. TAPBPL is a member of the Ig superfamily that is localized on chromosome 12p13.3, a region somewhat paralogous to the MHC.[supplied by OMIM]

Other Designations

TAP binding protein related

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Neuroblastoma](#)
- [Occupational Diseases](#)