

Recombinant Full Length Human TAPBPL Protein, C-Flag-tagged

Cat. No. TAPBPL-842HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TAPBPL Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50 kDa
AA Sequence	MGTQEGWCLLLCLALSGAAETKPHPAEGQWRAVDVVLDLFLVKDGAHRGALASSE DRARASLVLKQVPVL DDGSLEDFTDFQGGTLAQDDPPIIFEASVDLVQIPQAEALLH ADCSGKEVTCEISRYFLQMTETTVKTAA WFMANVQVSGGGPSISLVMKTPRVAKNE VLWHPTLNLPLSPQGTVRTAVEFQVMTQTQSLSFLLGSSASL DCGFSMAPGLDLIS VEWRLQHKGRGQLVYSWTAGQGQAVRKGATLEPAQLGMARDASLTLPGLTIQDEG T YICQITTSLYRAQQIQLNIQASPKVRLSLANEALLPTLICDIAGYYPLDVVVVTWTREE

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LGGSPAQVSGA SFSSLRQSVAGTYSISSSLTAEPGSAGATYTCQVTHISLEEPLGAS
 TQVVPPERRTALGVIFASSLFLLA
 LMFLGLQRRQAPTGLGLLQAERWETTSCADTQSSHLHEDRTARVSQPSTRTRPLE
 QKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

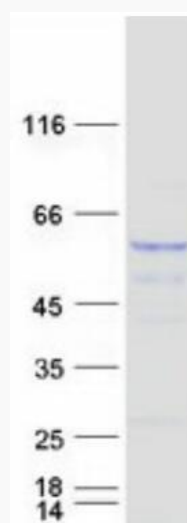
Gene Name	TAPBPL TAP binding protein like [Homo sapiens (human)]
Official Symbol	TAPBPL
Synonyms	TAPBPR; TAPBP-R
Gene ID	55080

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mRNA Refseq	NM_018009.5
Protein Refseq	NP_060479.3
MIM	607081
UniProt ID	Q9BX59



Coomassie blue staining of purified TAPBPL protein.