

## Product datasheet for **TP510097**

### **Aplp2 (NM\_009691) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse amyloid beta (A4) precursor-like protein 2 (Aplp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR210097 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAATGTAAAAATGKLLVLLLLGLTAPAAALAGYIEALAANAGTGFAVAEPQIAMFCGKLNMHVNIQTGKW  
EPDPTGTKSCLGTKEEVLQYCQEIYPELQITNVMEANQPVNIDSWCRRDKRQCKSHVIPFKCLVGEFVS  
DVLVLPDNCQFFHQERMEVCEKHQRWHTLVKEACLTEGLTLYSYGMLLPCGVDQFHGTEYVCCPQTKTVD  
SDSTMSKEEEEEEEEEDEEEDYDLKSEFPTEADLEDFTEAAADEEEEEDEEGEEVVEDRDYYPFKG  
DDYNEENPTESSEGTISDKEIVHDVKVPPTPLPTNDVDVYFETSADDNEHARFQKAKEQLEIRHRNRMD  
RVKKEWEEAELQAKNLPKTERQTLIQHFQAMVKALEKEAASEKQQLVETHLARVEAMLNDRRRRIALENYL  
AALQSDPPRPHRILQALRRYVRAENKDRLHTIRHYQHVLAVDPEKAAQMKSQVMTHLHVIEERRNQSLSL  
LYKVPYVAQEIQEEIDELLQEQRADMDQFTSSISENPVDVRSSESEEEIIPFPHLPHFLSLENEGSGM  
AEQDGGGIGAEKVINSKNKMDENMVIDETLDVKEMIFNAERVGGLEEEPEVSGPLREDFSLSSNALIGL  
LVIAVAIATVIVISLVMLRKRQYGTISHGIVEVDPMLTPEERHLNKMQNHYENPTYKYLEQMQUI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	79 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_033821](#)

Locus ID: 11804

UniProt ID: [Q64348](#)

RefSeq Size: 3490

Cytogenetics: 9 16.66 cM

RefSeq ORF: 2088

Synonyms: AI790698; APLP-2; CDEBP

**Summary:** May play a role in the regulation of hemostasis. The soluble form may have inhibitory properties towards coagulation factors. May interact with cellular G-protein signaling pathways. May bind to the DNA 5'-GTCACATG-3'(CDEI box). Inhibits trypsin, chymotrypsin, plasmin, factor XIA and plasma and glandular kallikrein (By similarity). Modulates the Cu/Zn nitric oxide-catalyzed autodegradation of GPC1 heparan sulfate side chains in fibroblasts. [UniProtKB/Swiss-Prot Function]