

Product datasheet for **TP519040**

Cabp2 (NM_013878) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calcium binding protein 2 (Cabp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219040 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGNCAKTPWHRGSKERWQWP GSP LGGSRPSPGPRTEE QEGTQGYSVLGSLVGPACIFLRPSIAATQLDR E LRPEEIEELQIAFQEFDRDRDGYIGYRELGACMRTLGYMPTMELIEISQQISGGKVDFEDFVELMGPKL LAETADMIGVREL RDAFREFD TNGDGCISVGELRAALKALLGERLSQREVDEILQDIDLNGDGLVDFEEF VRMMSR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	24.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_038906</u>
Locus ID:	29866
UniProt ID:	<u>Q9JLK4</u>


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RefSeq Size:	934
Cytogenetics:	19 A
RefSeq ORF:	648
Synonyms:	MGC129493
Summary:	Required for sound encoding at inner hair cells (IHCs) synapses, likely via inhibition of the inactivation of voltage-gated calcium channel of type 1.3 (Cav1.3) in the IHCs (PubMed:28183797). Required for the normal transfer of light signals through the retina (PubMed:27822497).[UniProtKB/Swiss-Prot Function]