

Product datasheet for **TP504574**

Car5b (NM_019513) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse carbonic anhydrase 5b, mitochondrial (Car5b), nuclear gene encoding mitochondrial protein, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204574 protein sequence Red =Cloning site Green =Tags(s) MAVMNHRLRVILQVSSSTLPWRRCWVPRLVPRRSCSLYTCTYRTRNRALPPLWENLDLVPAGDRQSPINIR WRDSVYDPGLKPLTISYDPATCLHIWNNNGYSFLVEFEDSTDKSVVEGGPLEHNYRLKQFHFWGAIDAWG SEHTVDSKCYPAELHLVHWNNAVKFESFEDAAL EENGLAVIGVFLKLGKHHKELQKLVDTLPSIKHKDTLV EFGSFDPSCLMPTCPDYWTYSGSLTTPPLESVTWIHKQPVEVDRDQLEQFRTLFTSEGEKEKRMVDN FRPLQPLMNRTVRSSFRHDYVLNIQVKPKPTASEVTP TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.6 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.
Locus ID:	56078
UniProt ID:	<u>Q9QZA0</u>
RefSeq Size:	3465


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Cytogenetics:	X F5
RefSeq ORF:	951
Synonyms:	CAVB, CarVb, 7330410H16Rik, D730005F19Rik
Summary:	Reversible hydration of carbon dioxide.[UniProtKB/Swiss-Prot Function]