

Carbonic Anhydrase 9 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P77585
Synonyms:	CA9; CAIX; CA-IX; EC 4.2.1.1; G250; MN; P54/58N; PMW1; RCC
Species:	Mouse
Source:	HEK293
Accession:	Q8VHB5 (Q32-D390)
Gene ID:	230099
Molecular Weight:	50-53 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Carbonic Anhydrase 9 Protein, an enzyme, is involved in maintaining pH homeostasis and regulating tumor microenvironments. Dysregulation of Carbonic Anhydrase 9 Protein has been linked to tumor progression and metastasis. Targeting Carbonic Anhydrase 9 Protein may offer potential therapeutic interventions in cancer by modulating pH levels, disrupting tumor microenvironments, and impairing tumor growth.
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Caution: Product has not been fully validated for medical applications. For research use only.

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