

Recombinant Human CA3

Catalog No: #GP10246



Package Size: #GP10246-1 100ug

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Description

Product Name	Recombinant Human CA3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 260 amino acids of human Carbonic anhydrase 3
Target Name	Carbonic anhydrase 3
Other Names	Car3, CAIII
Accession No.	Swissprot:P07451Gene Accession:BC004897
Uniprot	P07451
GeneID	761;
Storage	-20~-80°C, pH 7.6 PBS

Background

Carbonic anhydrase III (CAIII) is a member of a multigene family (at least six separate genes are known) that encodes carbonic anhydrase isozymes. These carbonic anhydrases are a class of metalloenzymes that catalyze the reversible hydration of carbon dioxide and are differentially expressed in a number of cell types. The expression of the CA3 gene is strictly tissue specific and present at high levels in skeletal muscle and much lower levels in cardiac and smooth muscle. A proportion of carriers of Duchenne muscle dystrophy have a higher CA3 level than normal. The gene spans 10.3 kb and contains seven exons and six introns.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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