

# Active Recombinant Mouse Car8 protein(Met1-Gln291), His-tagged

**Cat. No.** Car8-909M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Car8 protein(P28651)(Met1-Gln291), fused with C-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Gln291
<b>similar</b>	Car8
<b>Alias</b>	Ca8; wdl; Cals; Carp; Cals1; AW546993
<b>Conjugate</b>	C-His
<b>Form</b>	Lyophilized from sterile 50mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	
<b>MolecularMass</b>	The recombinant mouse CA8 comprises 301 amino acids and has a calculated molecular mass of 34.5 kDa. The recombinant protein migrates as an approximately 37 kDa band in SDS-PAGE under reducing conditions.

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<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 88 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	Car8 carbonic anhydrase 8 [ Mus musculus ]
<b>GeneNameWeblink</b>	<a href="#">12319</a>
<b>OfficialSymbol</b>	Car8
<b>OfficialSymbolWeblink</b>	<a href="#">12319</a>
<b>GeneID</b>	12319
<b>GeneIDWeblink</b>	<a href="#">12319</a>
<b>mRNARefseq</b>	NM_007592.3
<b>mRNARefseqWeblink</b>	<a href="#">NM_007592.3</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_031618.2</a>
<b>MIMWeblink</b>	

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<b>UniProtID</b>	P28651
<b>UniProtIDWeblink</b>	<a href="#">P28651</a>
<b>GENE INFORMATION</b>	
<b>Synonyms</b>	Ca8; wdl; Cals; Carp; Cals1; AW546993
<b>MIM</b>	

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