

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

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

SPECIFICATION

Product Overview	Recombinant Mouse Car8 protein(P28651)(Met1-Gln291), fused with C-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Gln291
similar	Car8
Alias	Ca8; wdl; Cals; Carp; Cals1; AW546993
Conjugate	C-His
Form	Lyophilized from sterile 50mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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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Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.
GeneName	Car8 carbonic anhydrase 8 [Mus musculus]
GeneNameWeblink	12319
OfficialSymbol	Car8
OfficialSymbolWeblink	12319
GenelD	12319
GenelDWeblink	12319
mRNARefseq	NM_007592.3
mRNARefseqWeblink	NM_007592.3
ProteinRefseqWeblink	NP_031618.2
MIMWeblink	

UniProtID	P28651
UniProtIDWeblink	P28651
GENE INFORMATION	
Synonyms	Ca8; wdl; Cals; Carp; Cals1; AW546993
MIM	

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