

Product Datasheet

Human CA1 protein (orb594893)

Description	Recombinant Human Carbonic anhydrase 1(CA1) (Active)
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Preservatives	0.2 μm filtered 20 mM Tris-HCl, 150 mM NaCl, 10% Glycerol, pH 8.0
Form/Appearance	Liquid
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	C-terminal 6xHis-tagged
Note	For research use only
Application notes	Full Length of Mature Protein
Protein Sequence	ASPDWGYDDKNGPEQWSKLYPIANGNNQSPVDIKTSEKHDTSKPISVSYNPA TAKEIINVGHSHFVNFEDNDNRSLKGGPFSDSYRLFQHFHFWGSTNEHGSEHT VDGVKYSaelhVAHWNSAKYSSLAEAASKADGLAVIGVLMKVGEANPKLQKVL DALQAIKTKGKRAPFTNFDpstllPSSLDFWTYPGSLTHPPLYESVTWIICKESISV SSEQLAQFRSLLSNVEGDNAVPMQHNNRPTQPLKGRTVRASf
Purity	Greater than 95% as determined by SDS-PAGE.
Source	E.coli
MW	29.93 kDa
Uniprot ID	P00915
Expiration Date	6 months from date of receipt.