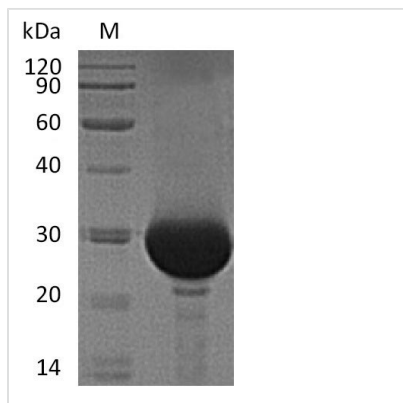




Recombinant Human Carbonic anhydrase 1 (CA1) (Active)

Product Code	CSB-AP005391HU
Uniprot No.	P00915
Form	Only Liquid
Storage Buffer	0.2 μm filtered 12.5mM Tris-HCl, 75mM NaCl, pH 7.5.
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological Activity	The esterase activity is determined to be greater than 500 pmol/min/ug
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	ASPDWGYDDKNGPEQWSKLYPIANGNNQSPVDIKTSETKHDTSLKPISVSYNP ATAKEIINVGHSHFVNFEDNDNRSVLKGGPFSDSYRLFQFHFHWGSTNEHGS EHTVDGVKYSAELHVAHWNSAKYSSLAEAASKADGLAVIGVLMKVGEANPKL QKVLDALQAIKTKGKRAPFTNFDPSTLLPSSLDFWTPGSLTHPPLYESVTWII CKESISVSSEQLAQFRSLLSNVEGDNAVPMQHNNRPTQPLKGRTRVRSF
Research Area	Cell Biology
Source	E.coli
Target Names	CA1
Expression Region	2-261aa
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	29.93 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Shelf Life	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.