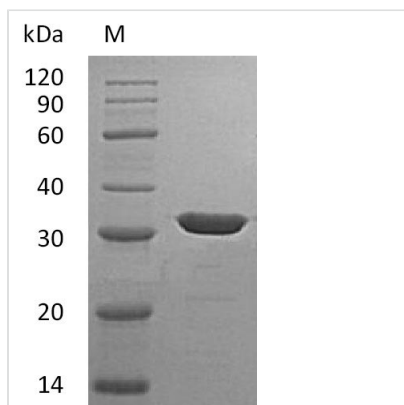




Recombinant Human Carbonic anhydrase 13 (CA13) (Active)

Product Code	CSB-AP005401HU
Uniprot No.	Q8N1Q1
Form	Liquid
Storage Buffer	0.2 μ m filtered 20 mM Tris-HCl, 150 mM NaCl, pH 7.5
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	The esterase activity is determined to be greater than 1000 pmol/min/ug
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	MSRLSWG YREHNGPIHWKEFFPIADGDQ QSPIEIKTKEVKYDSSLRPLSIKYDP SSAKIISNSGHSFNVD FDDTENKSVLRGGPLTGSYRLRQVHLHWGSADDHGS EHIVDGVSYAAELHV VHWNSDKYPSFVEAAHEPDGLAVLGVFLQIGEPNSQLQ KITDTLDSIKEK GKQTRFTNFDLLSLLPPSWDYWTYPGSLTVPPLLESVTWIVLK QPINISSQQLAKFRSLLCTAEGEAAAFLVSNHRPPQPLKGRKVRASFH
Research Area	Cell Biology
Source	E.coli
Target Names	CA13
Expression Region	1-262aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	30.51 kDa
Protein Length	Full Length

Image



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

Endotoxin

Less than 1.0 EU/ μ g 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.