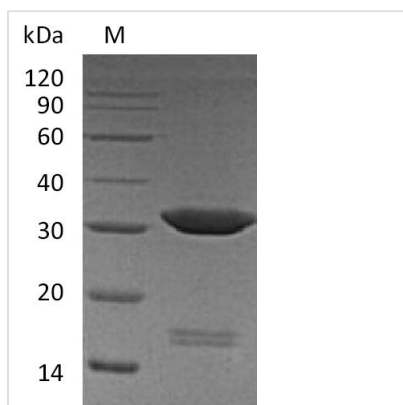




Recombinant Human Carbonic anhydrase 4 (CA4), partial (Active)

Product Code	CSB-AP005631HU
Uniprot No.	P22748
Form	Liquid
Storage Buffer	0.2 μ m filtered 20 mM Tris-HCl, 100 mM NaCl, pH 8.5
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	The esterase activity is determined to be greater than 500 pmol/min/ug
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	AESHWCYEVQAESSNYPCLVPVKWGGNCQKDRQSPINIVTTKAKVDKKLGRF FFSGYDKKQTTWTVQNNGHSVMMLENKASISGGGLPAPYQAKQLHLHWSDL PYKGSEHSLDGEHFAMEMHIVHEKEKGTSRNVKEAQDPEDEIAVLAFLVEAGT QVNEGFQPLVEALSNIPKPEMSTTMAESSLLDLLPKEEKLRYFRYLGSLTTP CDEKVVWTVFREPIQLHREQILAFSQKLYYDKEQTVSMKDNVRPLQQLGQRT VIK
Research Area	Neuroscience
Source	E.coli
Target Names	CA4
Expression Region	19-283aa
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	31.43 kDa
Protein Length	Partial

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.