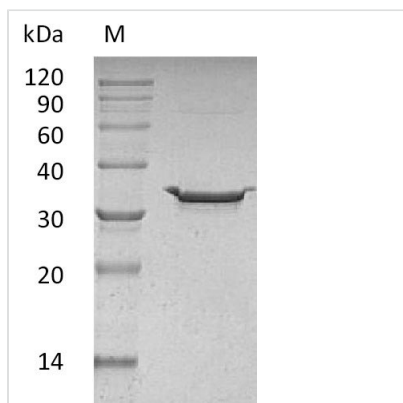




Recombinant Human Carbonic anhydrase 5B, mitochondrial (CA5B) (Active)

Product Code	CSB-AP005641HU
Abbreviation	Recombinant Human CA5B protein (Active)
Uniprot No.	Q9Y2D0
Storage Buffer	0.2 μm Filtered 20 mM Tris-HCl, 100 mM NaCl, pH 8.0
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological Activity	The esterase activity is determined to be 233 pmol/min/μg as measured under the described conditions.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	CSLYTCTYKTRNRALHPLWESVDLVPGGDRQSPINIRWRDSVYDPGLKPLTIS YDPATCLHVWNNGYSLVFEFEDSTDKSVIKGGPLEHNYRLKQFHFHWGAIDA WGSEHTVDSKCFPAELHLVHWNVRFENFEDAAL EENGLAVIGVFLKLGKHH KELQKLVDLPSIKHKDALVEFGSFDPSCLMPTCPDYWTYSGSLTTPPLESVT WIIKKQPVEVDHDQLEQFRTLFTSEGEKEKRMVDNFRPLQPLMNRTVRSSFR HDYVLNVQAKPKPATSQATP
Research Area	Signal Transduction
Source	E.coli
Target Names	CA5B
Expression Region	34-317aa
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	33.77 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.