

Product Datasheet

Human CA5B protein (orb594918)

Description	Recombinant Human Carbonic anhydrase 5B, mitochondrial(CA5B) (Active)
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Preservatives	0.2 μm filtered 20 mM Tris-HCl, 100 mM NaCl, 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	CSLYTCTYKTRNRALHPLWESVDLVPGGDRQSPINIRWRDSVYDPGLKPLTISYD PATCLHVWNNGYSFLVEFEDSTDKSVIKGGPLEHNYRLKQFHFHWGAIDAWGS EHTVDSKCFPAELHLVHWNVAVRFENFEDAALEENGLAVIGVFLKLGKHHKELQK LVDTLPSIKHKDALVEFGSFDPSCLMPTCPDYWTYSGSLTTPPLSESVTWIISKQP VEVDHDQLEQFRTLLFTSEGEKEKRMVDNFRPLQPLMNRTVRSFRHDYVLNV QAKPKPATSQATP
Purity	Greater than 95% as determined by SDS-PAGE.
Source	E.coli
MW	33.77 kDa
Uniprot ID	Q9Y2D0
Expiration Date	6 months from date of receipt.