

Product Datasheet

Human CA12 protein (orb244061)

Description	Recombinant human Carbonic anhydrase 12
Endotoxins	Not test.
Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Form/Appearance	Liquid or Lyophilized powder
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	N-terminal 6xHis-SUMO-tagged
Note	For research use only
Application notes	Extracellular domain of His-SUMO-tag and expression region is 25-301aa
Protein Sequence	APVNGSKWTYFGPDGENSWSKYPSCGGLLQSPIDLHSDILQYDASLTPLEFQG YNLSANKQFLLTNNGHVSVKLNLPDMHIQGLQSRYSATQLHLHWGNPNDPHGS EHTVSGQHFAAELHIVHYNLDYPDASTASNKSEGLAVLAVLIEMGSFNPSYDKIF SHLQHVKYKGQEA FVPGFNIEELLPERTAEYYRYRGS LTT PPCNPTVLWTVFRNP VQISQEQLLALETALYCTHMDDPSPREMINNFRQVQKFDERLVYTSFSQVQVCT AAGLS
Purity	Greater than 90% as determined by SDS-PAGE.
Source	E.coli
MW	47.1 kDa
Uniprot ID	O43570
Expiration Date	6 months from date of receipt.