

Product datasheet for PH308607

CA13 (NM_198584) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CA13 MS Standard C13 and N15-labeled recombinant protein (NP_940986)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208607
Predicted MW:	29.4 kDa
Protein Sequence:	>RC208607 protein sequence Red=Cloning site Green=Tags(s) MSRLSWG YREHNGPIHWKEFFPIADGDQQSPIEIKTKEVKYDSSLRPLSIKYDPSSAKIIISNSGHSFNVD FDDTENKSVLRGGPLTGSYRLRQVHLHWGSADDHGSEHIVDGVSYAAELHVHWNDSKYPVSFVEAAHEPD GLAVLGVFLQIGEPNSQLQKITDLDLSIKEKGKQTRFTNFDLLSLLPPSWDYWTYPGSLTVPPLLESVTW IVLKQPINISSQQLAKFRSLLCTAEGEAAAFLVSNHRPPQPLKGRKVRASFH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_940986
RefSeq Size:	3855
RefSeq ORF:	786
Synonyms:	CAXIII
Locus ID:	377677
UniProt ID:	Q8N1Q1



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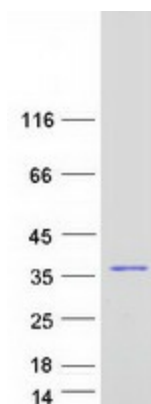
Cytogenetics: 8q21.2

Summary: Carbonic anhydrases (CAs) are a family of zinc metalloenzymes. For background information on the CA family, see MIM 114800.[supplied by OMIM, Mar 2008]

Protein Families: Druggable Genome

Protein Pathways: Nitrogen metabolism

Product images:



Coomassie blue staining of purified CA13 protein (Cat# [TP308607]). The protein was produced from HEK293T cells transfected with CA13 cDNA clone (Cat# [RC208607]) using MegaTran 2.0 (Cat# [TT210002]).