

Recombinant Human CA13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CA13-1316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CA13 MS Standard C13 and N15-labeled recombinant protein (NP_940986) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Carbonic anhydrases (CAs) are a family of zinc metalloenzymes. For background information on the CA family.
Molecular Mass	29.4 kDa
AA Sequence	MSRLSWG YREHNGPIHWKEFFPIADGDQQSPIEIKTKEVKYDSSLRPLSIKYDPSSA KIISNSGHSFNVDFFDTENKSVLRGGPLTGSYRLRQVHLHWGSADDHGSEHIVDGV SYAAELHV VHWNSDKYPSFVEAAHEPDGLAVLGVFLQIGEPNSQLQKITDTLDSIKE KGKQTRFTNFDLLSLLPPSWDYWTYPGSLTVPPLLESVTWIVLKQPINISSQQLAKFR SLLCTAEGEAAAFLVSNHRPPQPLKGRKVRASFHTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

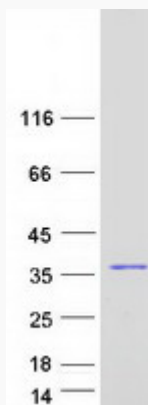
GENE INFORMATION

Gene Name	CA13 carbonic anhydrase XIII [Homo sapiens (human)]
Official Symbol	CA13
Synonyms	CA13; carbonic anhydrase XIII; carbonic anhydrase 13; CAXIII; FLJ37995; MGC59868; CA-XIII; carbonate dehydratase XIII; FLJ36434;
Gene ID	377677
mRNA Refseq	NM_198584
Protein Refseq	NP_940986
MIM	611436
UniProt ID	Q8N1Q1

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SDS-PAGE

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