

Product datasheet for **TP308607**

CA13 (NM_198584) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human carbonic anhydrase XIII (CA13), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC208607 protein sequence
Red=Cloning site **Green**=Tags(s)

MSRLSWGYPREHNGPIHWKEFFPIADGDQQSPIEIKTKEVKYDSSLRPLSIKYDPSSAKIISNSGHSFNVD
FDDTENKSVLRGGPLTGSYRLRQVHLHWGSADDHGSEHIVDGVSYAAELHVVHWNSDKYPSFVEAAHEPD
GLAVLGVFLQIGEPNSQLQKITDTLDSIKEKQKQTRFTNFDLLSLLPPSWDYWTYPGSLTVPPLLESVTW
IVLKQPINISSQQLAKFRSLLCTAEGEAAAFLVSNHRPPQPLKGRKVRASFH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 29.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_940986](#)

Locus ID: 377677

UniProt ID: [Q8N1Q1](#)



[View online »](#)

RefSeq Size: 3855

Cytogenetics: 8q21.2

RefSeq ORF: 786

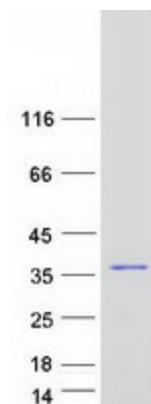
Synonyms: CAXIII

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]).