

## Product datasheet for **TP308607L**

### CA13 (NM\_198584) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human carbonic anhydrase XIII (CA13), 1 mg

**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](#)



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RefSeq Size: 3855

Cytogenetics: 8q21.2

RefSeq ORF: 786

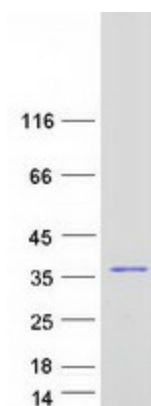
Synonyms: CAXIII

**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]).