

Product datasheet for **TP760980**

CPA6 (NM_020361) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human carboxypeptidase A6 (CPA6), full length, with N-terminal HIS tag, expressed in E. coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding human full-length CPA6 |
| Tag: | N-His |
| Predicted MW: | 50.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 50 mM Tris-HCl, pH 8.0, 8 M urea |
| 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_065094 |
| Locus ID: | 57094 |
| UniProt ID: | Q8N4T0 |
| RefSeq Size: | 1907 |
| Cytogenetics: | 8q13.2 |
| RefSeq ORF: | 1311 |
| Synonyms: | CPAH; ETL5; FEB11 |



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Summary:

The gene encodes a member of the peptidase M14 family of metalloproteases. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which catalyzes the release of large hydrophobic C-terminal amino acids. This enzyme has functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Mutations in this gene may be linked to epilepsy and febrile seizures, and a translocation t(6;8)(q26;q13) involving this gene has been associated with Duane retraction syndrome. [provided by RefSeq, May 2016]

Protein Families:

Protease, Secreted Protein

Product images: