

Recombinant Human CPA6 Protein, His-tagged

Cat. No. CPA6-256H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPA6 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The gene encodes a member of the peptidase M14 family of metallocarboxypeptidases. 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.
Form	50mM Tris, 8M Urea, pH8.0
Molecular Mass	50.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CPA6 carboxypeptidase A6 [Homo sapiens]
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Official Symbol	CPA6
Synonyms	CPA6; carboxypeptidase A6; CPAH; carboxypeptidase B; ETL5; FEB11;
Gene ID	57094
mRNA Refseq	NM_020361
Protein Refseq	NP_065094
MIM	609562
UniProt ID	Q8N4T0

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