Recombinant Human CPA4 protein, His-tagged

Cat. No. CPA4-4581H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPA4 protein(Q9UI42)(114-421 aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	114-421 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	41.4 kDa
AASequence	SSNNFNYGAYHSLEAIYHEMDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKGVR RPAVWLNAGIHSREWISQATAIWTARKIVSDYQRDPAITSILEKMDIFLLPVANPDGYV YTQTQNRLWRKTRSRNPGSSCIGADPNRNWNASFAGKGASDNPCSEVYHGPHAN SEVEVKSVVDFIQKHGNFKGFIDLHSYSQLLMYPYGYSVKKAPDAEELDKVARLAAK ALASVSGTEYQVGPTCTTVYPASGSSIDWAYDNGIKFAFTFELRDTGTYGFLLPANQI IPTAEETWLGLKTIMEHVRDNLY
Purity	Greater than 90% as determined by SDS-PAGE.

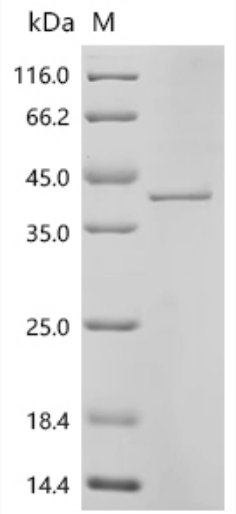
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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name	CPA4 carboxypeptidase A4 [Homo sapiens]
Official Symbol	CPA4
Synonyms	CPA4; carboxypeptidase A4; carboxypeptidase A3; CPA3;
Gene ID	51200
mRNA Refseq	NM_001163446
Protein Refseq	NP_001156918
MIM	607635
UniProt ID	Q9UI42

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SDS-PAGE	

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