

Recombinant Carboxypeptidase A3 (CPA3) Instruction Manual

SIPC417Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	66.0kDa
Accurate Molecular Mass	66kDa(Analysis of differences refer to the manual)
Residues & Tags	Ile110~Ser417 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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I PGRHSYAKYN NWEKIVAWTE KMMDKYPEMV SRIKIGSTVE
DNPLYVLKIG EKNERRKAIF TDCGIHAREW VSPAFCQWFV YQATKTYGRN
KIMTKLLDRM NFYILPVFNV DGYIWSWTKN RMWRKNRSKN QNSKCI GTDL
NRNFNASWNS IPNTNDPCAD NYRGSAPESI KETKAVTNFI RSHLNEIKVY
ITFHSYSQML LFPYGYTSKL PPNHEDLAKV AKIGTDVLST RYETRYIYGP
IESTIYPISG SSLDWAYDLG IKHTFAFELR DKGKFGLLP ESRIKPTCRE
TMLAVKFIK YILKHTS
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

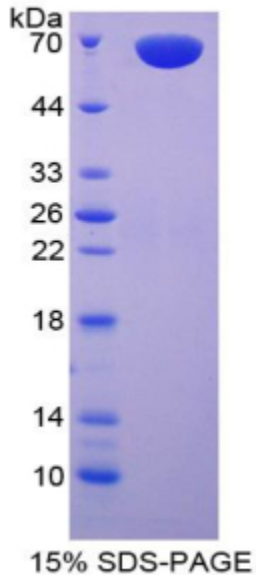
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.