

Recombinant Human Carboxypeptidase A2 protein
ab152008

Description	
Product name	Recombinant Human Carboxypeptidase A2 protein
Purity	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>P48052</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	YCLETFVGDQVLEIVPSNEEQIKNLLQLEAQEHLQLDFWK SPTTPGETAH VRVPFVNQAVKVFLGSQGIAYSIMIEDVQVLLDKENEEM LFNRRRERSG NFNFGAYHTLEEISQEMDNLVAEHPGLVSKVNIGSSFENR PMNVLKFSTG GDKPAWLDAGIHAREWVTQATALWTANKVSDYGKDPSIT SILDALDIF LLPVTNPDGYVFSQTKNRMWRKTRSKVSGSLCVGVDPN RNWDAGFGGPGA SSNPCSDSYHGPSANSEVEVKSIWDFIKSHGKVKAFITLHS YSQLLMFPY GYKCTKLDDFDELSEVAQKAAQSLRSLHGTYKVGPICSV IYQASGGSID WSYDYGKYSFA FELRDTGRYGFLPARQILPTAEETWLGLKAIMEHVRDVD HHHHHH
Predicted molecular weight	46 kDa including tags
Amino acids	17 to 417
Tags	His tag C-Terminus
Additional sequence information	Including propeptide (aa 19-114).

Specifications

Our **Abpromise guarantee** covers the use of **ab152008** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C.
	pH: 7.50
	Constituents: 0.32% Tris HCl, 0.88% Sodium chloride
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

General Info

Relevance	Carboxypeptidase A2 (CPA2) is one of three different isoforms of human pancreatic carboxypeptidase A. Carboxypeptidase A2 acts on aromatic C-terminal residues.
Cellular localization	Secreted

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors