

Recombinant Human Apo-H protein ab152083

Description

Product name	Recombinant Human Apo-H protein
Purity	> 95 % SDS-PAGE. Purity is 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>P02749</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	GRTCPKPDDLFPSTVVPLKTFYEPGEEITYSCKPGWSRG GMRKFICPLT GLWPINTLKCTPRVCPFAGILENGAVRYTTFEYPNTISFSCN TGFYLNGA DSAKCTEEGKWSPPELVCAPICPPPSIPTFATLRVYKPSA GNNSLYRDT AVFECLPQHAMFGNDTITCTTHGNWTKLPECREVKCPFP SRPDNGFVNYP AKPTLYYKDKATFGCHDGYSLDGPEEIECTKLGNWSAMP SCKASCKVPVK KATVVYQGERVKIQEKFKNGMLHGDKVSFFCKNKEKKCS YTEDAQCIDGT IEVPKCFKEHSSLAFWKTDAASDVKPCVDHHHHHH
Predicted molecular weight	37 kDa including tags
Amino acids	20 to 345
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab152083** 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
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Form	Lyophilized
Additional notes	Previously labelled as Apolipoprotein H.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	Lyophilized from a 0.2 µM filtered solution. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. 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

Function	Binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. May prevent activation of the intrinsic blood coagulation cascade by binding to phospholipids on the surface of damaged cells.
Tissue specificity	Expressed by the liver and secreted in plasma.
Sequence similarities	Contains 4 Sushi (CCP/SCR) domains.
Post-translational modifications	N- and O-glycosylated. PubMed:6587378 also reports glycosylation on 'Asn-188' for their allele.
Cellular localization	Secreted.

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

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