

Recombinant Human Haptoglobin protein (Tagged-His Tag) ab196135

製品の詳細

製品名	Recombinant Human Haptoglobin protein (Tagged-His Tag)
精製度	> 95 % SDS-PAGE. Purity of ab196135 is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	HEK 293 cells
アクセッション番号	<u>P00738</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>VDSGNDVTDIADDGCPKPPEIAHGYVEHSVRYQCKNYYKLRT EGDGVYTL NDKKQWINKAVGDKLPECEADDGCPKPPEIAHGYVEHSVRYQ CKNYYKLR TEGDGVYTLNNEKQWINKAVGDKLPECEAVCGKPKNPANPVQ ILGGHLDAGSFPWQAKMVSHHNLTTGATLINEQWLLTTAKN LFLN HSENAKDIAPTLTLYVGKKQLVEIEKVVLPNYSQVDIGL IKLKQKVS VNERVMPICLPSKDYAEVGRVGVVSGWGRNANFKFTDHLKYV MLPVADQD QCIRHYEGSTVPEKKTSPVGVQPILNEHTFCAGMSKYQED TCYGDAGS AFAVHDLEEDTWYATGILSFDKSCAVAEGVYVKVTSIQDWV QKTIAENV DHHHHHH</p>
予測される分子量	44 kDa including tags
分子量情報	Predicted MW: 15.9 and 28.3 kDa Apparent MW: 16 and 40-75 kDa (under reducing conditions)
領域	19 to 406
タグ	His tag C-Terminus
配列の追加情報	Amino acid sequence from 19-160 and 162-406. Amino acid 161 is missing from this product. 6-His tag is on the beta chain

特性

Our **Abpromise guarantee** covers the use of **ab196135** in the following tested applications.

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

アプリケーション	HPLC
	SDS-PAGE
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
	pH: 7.40
	Constituents: 99% PBS, 0.02% DTT

Supplied as a 0.2 µm filtered solution.

再構成	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 ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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関連情報

機能	<p>As a result of hemolysis, hemoglobin is found to accumulate in the kidney and is secreted in the urine. Haptoglobin captures, and combines with free plasma hemoglobin to allow hepatic recycling of heme iron and to prevent kidney damage. Haptoglobin also acts as an Antimicrobial; Antioxidant, has antibacterial activity and plays a role in modulating many aspects of the acute phase response. Hemoglobin/haptoglobin complexes are rapidly cleared by the macrophage CD163 scavenger receptor expressed on the surface of liver Kupfer cells through an endocytic lysosomal degradation pathway.</p> <p>Uncleaved haptoglobin, also known as zonulin, plays a role in intestinal permeability, allowing intercellular tight junction disassembly, and controlling the equilibrium between tolerance and immunity to non-self antigens.</p>
組織特異性	Expressed by the liver and secreted in plasma.
関連疾患	Anhaptoglobinemia
配列類似性	<p>Belongs to the peptidase S1 family.</p> <p>Contains 1 peptidase S1 domain.</p> <p>Contains 2 Sushi (CCP/SCR) domains.</p>
細胞内局在	Secreted.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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