

Recombinant Human ABCA1 protein ab125995

1 References

製品の詳細

製品名	Recombinant Human ABCA1 protein
精製度	> 90 % SDS-PAGE. Purified via His tag
発現系	Escherichia coli
アクセッション番号	<u>Q84M24</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	NCALSVVKEGRSVVLTSHSMEECEALCTRMIMVNGRFRCLG SVQHLKNR FGDGYTIVVRIAGSNPDLKPVQDFFGLAFPGSVLKEKHRNML QYQLPSSL SSLARIFSILSQSKRLHIEDYSVSQTTLDQVFVNFAKDQSD DDHLKDLS LHKNTVVDVA
領域	2085 to 2245

特性

Our **Abpromise guarantee** covers the use of **ab125995** 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	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. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride, 0.2% Guanidine HCl
再構成	Reconstitute with water to desired concentration.

関連情報

機能	cAMP-dependent and sulfonylurea-sensitive anion transporter. Key gatekeeper influencing intracellular cholesterol transport.
組織特異性	Widely expressed, but most abundant in macrophages.
関連疾患	<p>Defects in ABCA1 are a cause of high density lipoprotein deficiency type 1 (HDL1) [MIM:205400]; also known as analphalipoproteinemia or Tangier disease (TGD). HDL1 is a recessive disorder characterized by absence of high density lipoprotein (HDL) cholesterol from plasma, accumulation of cholesteryl esters, premature coronary artery disease (CAD), hepatosplenomegaly, recurrent peripheral neuropathy and progressive muscle wasting and weakness.</p> <p>Defects in ABCA1 are a cause of high density lipoprotein deficiency type 2 (HDL2) [MIM:604091]; also known as familial hypoalphalipoproteinemia (FHA). HDL2 is inherited as autosomal dominant trait. It is characterized by moderately low HDL cholesterol, predilection toward premature coronary artery disease (CAD) and a reduction in cellular cholesterol efflux.</p>
配列類似性	<p>Belongs to the ABC transporter superfamily. ABCA family.</p> <p>Contains 2 ABC transporter domains.</p>
ドメイン	Multifunctional polypeptide with two homologous halves, each containing an hydrophobic membrane-anchoring domain and an ATP binding cassette (ABC) domain.
翻訳後修飾	<p>Phosphorylation on Ser-2054 regulates phospholipid efflux.</p> <p>Palmitoylation by DHHC8 is essential for membrane localization.</p>
細胞内局在	Membrane.

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