

ATP1B2 抗原（重组蛋白）

中文名称：ATP1B2 抗原（重组蛋白）

英文名称：ATP1B2 Antigen (Recombinant Protein)

别名：AMOG

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 68-290 amino acids of human ATP1B2

技术规格：

Full name:	ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide
Synonyms:	AMOG
Swissprot:	P14415
Gene Accession:	BC126175
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene belongs to the family of Na ⁺ /K ⁺ and H ⁺ /K ⁺ ATPases beta chain proteins, and to the subfamily of Na ⁺ /K ⁺ -ATPases. Na ⁺ /K ⁺ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety

y of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta).