

## ABHD12 抗原（重组蛋白）

中文名称：ABHD12 抗原（重组蛋白）

英文名称：ABHD12 Antigen (Recombinant Protein)

别名：abhydrolase domain containing 12; PHARC; ABHD12A; BEM46L2; C20orf22; dJ965G21.2

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 96-398 amino acids of human ABHD12

技术规格：

<b>Full name:</b>	abhydrolase domain containing 12
<b>Synonyms:</b>	PHARC; ABHD12A; BEM46L2; C20orf22; dJ965G21.2
<b>Swissprot:</b>	Q8N2K0
<b>Gene Accession:</b>	BC014049
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes an enzyme that catalyzes the hydrolysis of 2-arachidonoyl glycerol (2-AG), the main endocannabinoid lipid transmitter that acts on cannabinoid receptors, CB1 and CB2. The endocannabinoid system is involved in a wide range of physiological processes, including neurotransmission, mood, appetite, pain appreciation, addiction behavior, and inflammation. Mutations in this gene are associated with the neurodegenerative disease, PHARC (polyneuropathy, hearing

loss, ataxia, retinitis pigmentosa, and cataract), resulting from an inborn error of endocannabinoid metabolism. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.