

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：

Full name:	abhydrolase domain containing 12
Synonyms:	PHARC; ABHD12A; BEM46L2; C20orf22; dJ965G21.2
Swissprot:	Q8N2K0
Gene Accession:	BC014049
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 transcri

pt variants encoding different isoforms have been noted for this gene.