

PHYH 抗原（重组蛋白）

中文名称： PHYH 抗原（重组蛋白）

英文名称： PHYH Antigen (Recombinant Protein)

别名： phytanoyl-CoA 2-hydroxylase; RD; LN1; PAHX; LNAP1; PHYH1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 101-338 amino acids of human PHYH

技术规格

Full name:	phytanoyl-CoA 2-hydroxylase
Synonyms:	RD; LN1; PAHX; LNAP1; PHYH1
Swissprot:	O14832
Gene Accession:	BC029512
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 is a member of the PhyH family and encodes a peroxisomal protein that is involved in the alpha-oxidation of 3-methyl branched fatty acids. Specifically, this protein converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA. Mutations in this gene have been associated with Refsum disease (RD) and deficient protein activity has been associated with Zellweger syndrome and rhizomelic chondrodysplasia punctata. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.