

## 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

|                           |  |
|---------------------------|--|
| <b>Full name:</b>         | phytanoyl-CoA 2-hydroxylase  |
| <b>Synonyms:</b>          | RD; LN1; PAHX; LNAP1; PHYH1  |
| <b>Swissprot:</b>         | O14832   |
| <b>Gene Accession:</b>    | BC029512   |
| <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 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 di |

fferent isoforms, have been characterized.