

CHIT1 抗原（重组蛋白）

中文名称： CHIT1 抗原（重组蛋白）

英文名称： CHIT1 Antigen (Recombinant Protein)

别名： chitinase 1; CHI3; CHIT; CHITD

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 267-466 amino acids of human CHIT1

技术规格

Full name:	chitinase 1
Synonyms:	CHI3; CHIT; CHITD
Swissprot:	Q13231
Gene Accession:	BC103695
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Chitotriosidase is secreted by activated human macrophages and is markedly elevated in plasma of Gaucher disease patients. The expression of chitotriosidase occurs only at a late stage of differentiation of monocytes to activated macrophages in culture. Human macrophages can synthesize a functional chitotriosidase, a highly conserved enzyme with a strongly regulated expression. This enzyme may play a role in the degradation of chitin-containing pathogens. Several alternatively spliced transcript variants have been described for this gene.