

## 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 expre ssion of chitotriosidase occurs only at a late stage of differentiation of monocytes to activated macrophages in culture. Human macroph ages 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 alt ernatively spliced transcript variants have been described for this ge ne.