

MT3 抗原（重组蛋白）

中文名称： MT3 抗原（重组蛋白）

英文名称： MT3 Antigen (Recombinant Protein)

别名： metallothionein 3; GIF; GIFB; GRIF; ZnMT3

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 68 amino acids of human MT3

技术规格

Full name:	metallothionein 3
Synonyms:	GIF; GIFB; GRIF; ZnMT3
Swissprot:	P25713
Gene Accession:	BC013081
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Metallothionein (MT) is a sulfhydryl- and cysteine-rich protein found in micro-organisms, plants and all invertebrate and vertebrate animals. Metallothioneins are a group of ubiquitous low-molecular-weight proteins that have functional roles in cell growth, repair and differentiation. Metallothionein are implicated primarily in metal ion detoxification as they are essential for the protection of cells against the toxicity of cadmium, mercury and copper. Metallothioneins are known to be broadly expressed in heart, liver, kidney, breast and testis tissue. Metallothionein 3, also known as MT-3 or GIFB (growth inhibitory factor), is a 68 amino acid protein that belongs to the type 1 family and Metallothionein superfamily. While highly expressed in astrocytes of the no

normal human brain, Metallothionein 3 expression is reduced in the brains of patients with Alzheimer disease.