

## AIM2 抗原（重组蛋白）

中文名称：AIM2 抗原（重组蛋白）

英文名称： AIM2 Antigen (Recombinant Protein)

别名： PYHIN4

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 138-337 amino acids of human AIM2

技术规格：

<b>Full name:</b>	absent in melanoma 2
<b>Synonyms:</b>	PYHIN4
<b>Swissprot:</b>	O14862
<b>Gene Accession:</b>	BC010940
<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>	Interferon-inducible protein AIM2 (Absent in melanoma 2) is a 343 amino acid protein belonging to the HIN-200 family. Induced by IFN- $\gamma$ , AIM2 is thought to act as a tumor suppressor by repressing NF- $\kappa$ B transcriptional activity. Localized to the nucleus, AIM2 contains one DAPI domain and one HIN-200 domain. The DAPI domain is composed mostly of $\alpha$ -helices and is a protein-protein interaction domain capable of binding other DAPI domains. The HIN-200 domain has been shown to bind directly to DNA, which, along with the binding of another protein ASC, results in the activation of Caspase-1.

