

Recombinant Human AIM2, GST-tagged

Cat. No. AIM2-9507H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AIM2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-343a.a.
Description	AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	AIM2 absent in melanoma 2 [Homo sapiens]
Official Symbol	AIM2

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Synonyms	AIM2; absent in melanoma 2; interferon-inducible protein AIM2; PYHIN4;
Gene ID	9447
mRNA Refseq	NM_004833
Protein Refseq	NP_004824
MIM	604578
UniProt ID	O14862
Chromosome Location	1q22
Pathway	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Nucleotide-binding domain, leucine rich repeat containing receptor (NLR) signaling pathways, organism-specific biosystem; The AIM2 inflammasome, organism-specific biosystem;
Function	double-stranded DNA binding;