

## Recombinant Human AIM2 protein(Met1-Thr343), GST-tagged

Cat. No. AIM2-1159H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AIM2 protein(NP_004824.1)(Met1-Thr343), fused with N-terminal GST tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Thr343
<b>similar</b>	AIM2
<b>Alias</b>	AIM2; absent in melanoma 2; interferon-inducible protein AIM2; PYHIN4;
<b>Conjugate</b>	N-GST
<b>Form</b>	Lyophilized from sterile 50mM Tris, 1M NaCl, 0.5mM PMSF, 5mM GSH, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	
<b>MolecularMass</b>	The recombinant human AIM2/GST chimera consists of 567 amino acids and predicts a molecular mass of 65.2 kDa as estimated in SDS-PAGE under reducing conditions.

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<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	AIM2 absent in melanoma 2 [ Homo sapiens ]
<b>GeneNameWeblink</b>	<a href="#">9447</a>
<b>OfficialSymbol</b>	AIM2
<b>OfficialSymbolWeblink</b>	<a href="#">9447</a>
<b>GeneID</b>	9447
<b>GeneIDWeblink</b>	<a href="#">9447</a>
<b>mRNARefseq</b>	NM_004833
<b>mRNARefseqWeblink</b>	<a href="#">NM_004833.1</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_004824.1</a>
<b>MIMWeblink</b>	<a href="#">604578</a>

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<b>UniProtID</b>	O14862
<b>UniProtIDWeblink</b>	<a href="#">O14862</a>
<b>GENE INFORMATION</b>	
<b>Synonyms</b>	AIM2; absent in melanoma 2; interferon-inducible protein AIM2; PYHIN4;
<b>MIM</b>	604578

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