

AIF1 Protein, Bovine (N-His, C-Myc)

Cat. No.:	HY-P700529
Synonyms:	allograft inflammatory factor 1; IBA1; IRT1; AIF-1; IRT-1; protein G1;
Species:	Bovine
Source:	E. coli
Accession:	Q9BDK2 (S2-P147)
Gene ID:	280989
Molecular Weight:	27.6 kDa

PROPERTIES

AA Sequence	<p> S E T R D L Q G G K A F G L R K A Q Q E E R I N E I N Q Q F L D D P K Y S S D E D L P S K L E A F K K K Y M E F D L N E D G G I D I M S L K R M M E K L G V P K T H L E L K K L I M E V S S G P G E T F S Y S D F L K M M L G K R S A I L K M I L M Y E E K A R E Q E K P T G L P A K K A I S E L P </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The AIF1 protein appears to be involved in macrophage activation and function, suggesting a potential role in modulating the immune response and cellular activities associated with macrophages. Its participation in macrophage function implies a broader influence on immune regulation and inflammatory responses. Further investigation into the specific mechanisms by which AIF1 contributes to macrophage activation could provide valuable insights into its role in immune homeostasis and the complex interplay of signaling pathways that govern macrophage functions in various physiological contexts.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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