

Recombinant human Melanoma Inhibitory Activity protein ab49847

Description

Product name	Recombinant human Melanoma Inhibitory Activity protein
Biological activity	The ED ₅₀ was determined by the dose-dependant proliferation of the human A375 melanoma cell line. The expected ED ₅₀ for this effect is 4-6 µg/ml.
Purity	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE and HPLC analyses.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGPMPKLADR KLCADQEC SH PISMAVALQD YMAPDCRFLT IHRGQVVYVF SKLKGRGRLF WGGSVQGDYY GDLAARLGYF PSSIVREDQT LKPGKVDVKT DKWDFYCQ

Specifications

Our **Abpromise guarantee** covers the use of **ab49847** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

General Info

Function	Elicits growth inhibition on melanoma cells in vitro as well as some other neuroectodermal tumors, including gliomas.
Tissue specificity	All malignant melanoma cell lines tested and infrequently in glioma cell lines.
Sequence similarities	Belongs to the MIA/OTOR family. Contains 1 SH3 domain.
Post-translational modifications	May possess two intramolecular disulfide bonds.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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