

Product datasheet

Recombinant human Amphiregulin protein (Active)
ab268349

2 Images

Description

Product name	Recombinant human Amphiregulin protein (Active)
Biological activity	The ED(50) of ab268349 was <0.5 ng/mL, measured in a cell proliferation assay using mouse embryonic fibroblast 3T3 cells.
Purity	>= 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	Escherichia coli
Accession	P15514
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Molecular weight information	SDS-PAGE molecular weight: 11.5 kDa

Specifications

Our [Abpromise guarantee](#) covers the use of **ab268349** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: PBS, BSA Buffer Lyophilized from a 0.2 µm filtered solution.
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

A quick spin of the vial followed by reconstitution in sterile PBS at 0.1 mg/mL containing at least 0.1% human or bovine serum albumin. Upon reconstitution, this cytokine can be stored in working aliquots at 2°-8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

General Info

Function

Bifunctional growth-modulating glycoprotein. Inhibits growth of several human carcinoma cells in culture and stimulates proliferation of human fibroblasts and certain other tumor cells.

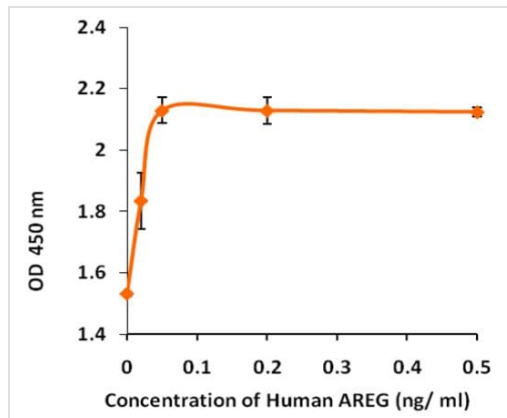
Sequence similarities

Belongs to the amphiregulin family.
Contains 1 EGF-like domain.

Cellular localization

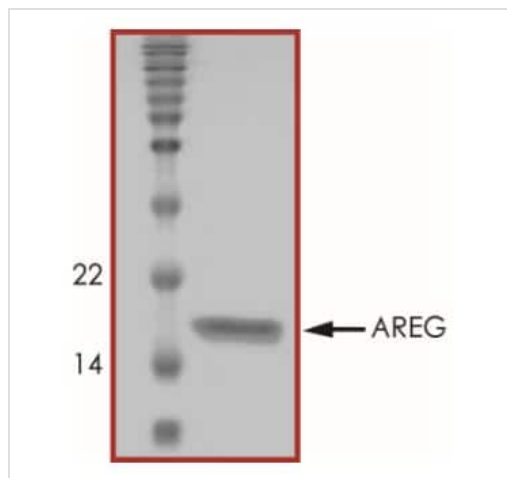
Membrane.

Images



The ED(50) of ab268349 was <0.5 ng/mL, measured in a cell proliferation assay using mouse embryonic fibroblast 3T3 cells.

Functional Studies - Recombinant human Amphiregulin protein (Active) (ab268349)



SDS-PAGE analysis of ab268349.

SDS-PAGE - Recombinant human Amphiregulin protein (Active) (ab268349)

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

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