

Dissociation Reagents

Soybean Trypsin Inhibitor, ACF

For inhibition of trypsin activity



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Catalog # 07457
07458

1 g
10 g

Product Description

Soybean Trypsin Inhibitor, Animal Component-Free (ACF) is obtained from cultures free of animal-derived materials. This trypsin inhibitor consists of a single polypeptide chain with two disulfide bridges and inactivates trypsin on an equimolar basis. It is able to inhibit chymotrypsin to a lesser extent, but is ineffective against esterolytic, proteolytic, or elastolytic activities of porcine elastase (Vered et al.). Soybean Trypsin Inhibitor has also been shown to inhibit human and bovine thrombin, plasmin, and leukocytic proteases.

Product Information

Alternative Names:	Antitrypsin; Trypsin inhibitor; Trypsin protease inhibitor
Format:	Lyophilized powder
Storage:	Store at 2 - 8°C.
Stability:	Stable until expiry date (EXP) on label.
Reconstitution:	Dissociation reagents can be reconstituted in a balanced salt solution or buffer of choice.
Molecular Weight:	21.5 +/- 0.8 kDa
CAS Number:	9035-81-8
Optimum pH:	7.0
Cleavage Site:	N/A

Specifications

Source:	Soybean
Activity:	1 mg inhibits at least 0.75 mg trypsin. See Notes for further information.

Related Products

For a complete list of dissociation reagents, as well as related products available from STEMCELL Technologies, please visit our website at www.stemcell.com or contact us at techsupport@stemcell.com.

Notes

ACTIVITY UNITS

Activity is expressed as the amount of twice-crystallized trypsin inhibited/mg of inhibitor.

References

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