

Recombinant *Alternaria alternata* ALTA1 protein

Cat. No. ALTA1-562A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Alternaria alternata</i> ALTA1 was expressed in <i>E. coli</i> .
Species	<i>Alternaria alternata</i>
Source	<i>E. coli</i>
Description	Alt a 1 is a lyophilized, recombinant protein with IgE-binding capacity. It was produced by heterologous expression in <i>E. coli</i> , purified by conventional biochemical methods.
Molecular Mass	~14,593 Dalton
Purity	> 99%
Storage	The lyophilized product can be kept at room temperature for at least 2 weeks. However, we recommend the product to be stored at -20 centigrade. Under these conditions the quality of the material will be maintained for several years. The stability at 4 centigrade should at least be 6 months. Reconstituted protein can be stored at -20 centigrade.
Concentration	1 mg/ml
Reconstitution	If reconstituted with water or diluted buffer to a concentration of 1 mg/ml, the PO4 buffer concentration will be 2 mM (pH 7.4). Addition of 1-2 mM -Mercaptoethanole is recommended. If reconstituted to a concentration of 2mg/ml, the product is soluble to more than 95%.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

UniProt ID	P79085
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