

rAlt a 1 Recombinant Protein | rAlta1 recombinant protein

rAlt a 1 (Alternaria alternata 1.0101)

CATALOG # AAA129079	HOST E Coli	APPLICATIONS ELISA, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

rAlt a 1; rAlt a 1 (Alternaria alternata 1.0101); rAlta1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	The protein was purified by ionex and affinity chromatography, using Strep-tag. Endotoxin was removed using a specific endotrap carrier. Product was lyophilized after purification.
Form/Format	Purified Azide Free. Lyophilized from a 0.22um filtered solution in Tris buffer (100mM Tris, 150mM NaCl, pH8), preservative- and carrier-free. Purity >95% (HPLC method).
Applicable Applications for rAlta1 recombinant protein	ELISA, FCM/FACS (Flow Cytometry)
Species	Alternaria alternata 1.0101
Preparation and Storage	The product is shipped at ambient temperature. Transport conditions, including short-term elevated temperature, do not impair product performance characteristics or do not affect stated product expiry date. Upon receipt, store and handle as directed. Store at -20 degree C to -80 degree C. Do not use after the expiry date stated on the product labels. Reconstitute lyophilized product before use. Use reconstituted product immediately or aliquot for further storage. Store product aliquots at -20 degree C to -80 degree C. Use within 6 months. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for rAlta1 recombinant protein	Recombinant protein rAlt a 1 is expressed in Escherichia coli. DNA sequence encoding 152 AAs was fused with Strep-tag at the N-terminus. A calculated molecular mass of recombinant protein is 16,7kDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14423645
UniProt Accession #	P79085
Molecular Weight	17.2 kDa
NCBI Official Full Name	Major allergen Alt a 1
UniProt Protein Name	Major allergen Alt a 1
UniProt Gene Name	ALTA1
UniProt Entry Name	ALTA1_ALTAL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

