

rDer f 2 (D. pteronyssinus 2.0116) Recombinant Protein

rDer f 2 (D. pteronyssinus 2.0116)

CATALOG # AAA129311	HOST S2 cells	APPLICATIONS ELISA
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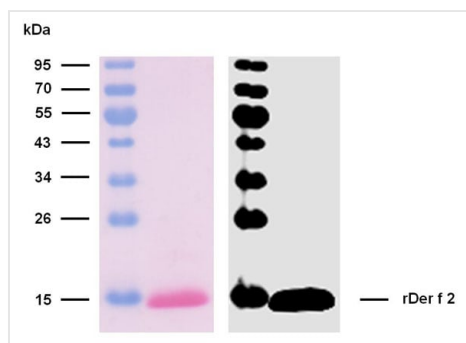
PRODUCT SYNONYMS

rDer f 2 (D. pteronyssinus 2.0116); rDer f 2 (D. pteronyssinus 2.0116) recombinant protein

PRODUCT SPECIFICATIONS

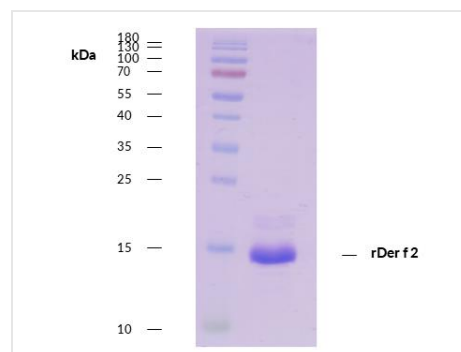
Host	S2 cells
Form/Format	Purified Azide Free Purified by sequential steps of ion exchange and affinity chromatography. Lyophilized from a 0.2 um filtered solution in Storage buffer (100 mM Tris, 150 mM NaCl, 0.01% Tween 20, pH 8.0).
Applicable Applications for rDer f 2 (D. pteronyssinus 2.0116) recombinant protein	ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C. Reconstitute in sterile deionized water. Use reconstituted product immediately or aliquot for further storage at -20 degree C to -80 degree C.

IMAGES



WB (Western Blot)

Reactivity of rDer f 2 with sIgE antibodies in plasma of a patient with confirmed presence (routine clinical test) of specific IgE antibodies to Dermatophagoides farinae allergen extract. Western blotting analysis was performed on recombinant allergen rDer f 2 mixed and heated (100°C, 5 min) with reducing SDS loading buffer. Sample was resolved using 15% Tris-glycine gel electrophoresis. Nitrocellulose membrane blot was stained with Ponceau S to verify protein transfer. After thorough washing and blocking steps, the membrane was incubated with plasma of an allergic patient (1:10). Captured rDer f 2 sIgE antibodies were detected by biotinylated anti-human IgE secondary antibody (2 µg/ml) followed by IRDye 800CW Streptavidin (1:5000).



SDS-PAGE

Recombinant allergen rDer f 2 purity verification. 5 µg of rDer f 2 with > 95 % purity checked by Coomassie Brilliant Blue stained SDS-PAGE.

ADDITIONAL INFORMATION

Related Product Information for rDer f 2 (D. pteronyssinus 2.0116) recombinant protein	Recombinant protein rDer f 2 is expressed in S2 cells (Drosophila). DNA sequence encoding 129 AAs was fused with Strep-tag at the N-terminus. A calculated molecular mass of recombinant protein is 15,6 kDa.
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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.

