

rDer p 2 (D. pteronyssinus 2.0101) Recombinant Protein

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CATALOG # AAA129312	HOST S2 cells	APPLICATIONS ELISA
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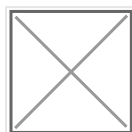
PRODUCT SYNONYMS

rDer p 2 (D. pteronyssinus 2.0101); rDer p 2 (D. pteronyssinus 2.0101) recombinant protein

PRODUCT SPECIFICATIONS

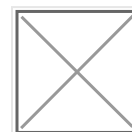
Host	S2 cells
Form/Format	Purified Azide Free Purified by sequential steps of ion exchange and affinity chromatography. Lyophilized from a 0.2 um filtered solution in Storage buffer (100 mM Tris, 150 mM NaCl, 0.01% Tween 20, pH 8.0).
Applicable Applications for rDer p 2 (D. pteronyssinus 2.0101) recombinant 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)

Presence of sIgE antibodies specific to recombinant allergens Der p 2 and Der p 23 was analysed in plasma of a patient with confirmed presence (routine clinical test) of specific IgE antibodies to house dust mite allergen extract. Western blotting analysis was performed on recombinant allergens rDer p 2 and rDer p 23 mixed and heated (100°C, 5 min) with reducing SDS loading buffer. Samples were resolved using 15% Tris-glycine gel electrophoresis. Nitrocellulose membrane blot was incubated with plasma of an allergic patient (1:10). Captured sIgE antibodies were detected by biotinylated anti-human IgE secondary antibody (2 µg/ml) followed by IRDye 800CW Streptavidin (1:5000). The analysed patient plasma contained sIgE antibodies specific to Der p 2 and Der p 23.



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for rDer p 2 (D. pteronyssinus 2.0101) recombinant protein	Recombinant protein rDer p 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 15,7 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.

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Online datasheet: <https://stage.aaabiotech.com/rder-p-2-d-pteronyssinus-2-0101-recombinant-protein-s2-cells-elisa/129312>