

Recombinant Dermatophagoides farinae DERF1 Protein, His-tagged

Cat. No. DERF1-907D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dermatophagoides farinae DERF1 Protein was produced by HEK293 Cells expression system. This protein was expressed with a polyhistidine tag.
Species	Dermatophagoides farinae
Source	HEK293
Predicted N Terminal	Arg 19
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant DERF1 consists of 314 amino acids and predicts a molecular mass of 35.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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