

Dermatophagoides pteronyssinus Derp23 / LOC113788516 Protein (His Tag)

Catalog Number: 69041-A08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

Derp 23; Derp23

Source: Dermatophagoides pteronyssinus

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Predicted N terminal: Ala 22

Molecular Mass:

The recombinant Dermatophagoides pteronyssinus DERP23 consists of 80 amino acids and predicts a molecular mass of 9.4 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

Der p 23 is a new major allergen of *D. pteronyssinus*. The house dust mite (HDM) *Dermatophagoides pteronyssinus* is one of most important allergen sources and a major elicitor of allergic asthma. Der p 23 may be an essential component for diagnosis and specific immunotherapy of HDM allergy.