



Recombinant Dust Mite Der p 6 [GST] (DAG-WT259)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Recombinant Der p 6 is produced by E.coli and the target gene encoding a.a. 1-20 is expressed with a GST tag at the N-terminus.
Nature	Recombinant
Expression System	E.coli
Species	Dermatophagoides pteronyssinus (European house dust mite)
Purity	> 90 % as determined by SDS-PAGE
Conjugate	GST
Applications	N/A
Molecular Weight	29.1 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	Tris/PBS-based buffer with 5%-50% glycerol
Preservative	None
Storage	Short term: -20°C; Long term: -80°C. Avoid freeze / thaw cycle
Warnings	PLEASE note that this product is intended for research use only; not for diagnostic or clinical use.

BACKGROUND

Introduction	Dust mite allergy, also known as house dust allergy, is a sensitization and allergic reaction to the droppings of house dust mites. The allergy is common and can trigger allergic reactions such as asthma, eczema or itching. It is the manifestation of a parasitosis. The mite's gut contains potent digestive enzymes (notably peptidase 1) that persist in their feces and are major inducers of allergic reactions such as wheezing. The mite's exoskeleton can also contribute to allergic reactions. Unlike scabies mites or skin follicle mites, house dust mites do not burrow under the skin and are not parasitic.
Keywords	Dermatophagoides pteronyssinus; Der p 6; Mite allergen

ANTIGEN GENE INFORMATION

Gene Name	DERP6
UniProt ID	P49277