

Der P1 Protein Recombinant

Item Number	rAP-2762
Synonyms	Peptidase 1, Major mite fecal allergen Der p 1, Allergen Der p I, Der p 1, DERP1, Der-P1.
Description	The E.Coli derived recombinant protein contains the Dermatophagoides pteronyssinus Dust Mite Der P1 protein (a.a. 20-320) and fused to a 6 His Tag at C-terminus, having a total Mw of 34.8kDa, pl 5.8.
Uniprot Accesion Number	P08176
Amino Acid Sequence	MSIKTFEEYKKA FNKSYATFEDEEAARKNFLESVKYVQSNGGAINHLSDSLDEFK NRFLMSAEAFEHLKTQFDLNAETNACSINGNAPAEIDLRQMRTVTPIRMQGGCGSAWAFS GVAATESAYLAYRNQSLDLAEQELVDCASQHGCHGDTIPRGIEYIQHNGVVQESYYRYVA REQSCRRPNAQRFGISNYCQIYPPNVNKIREALAQTHSAIAVIGIKDLDAFRHYDGRTI IQRDNGYQPNYHAVNIVGYSNAQGVDYWIVRNSWDTNWGDNGYGYFAANIDLMMIEEYPY VVILHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Der-P1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	(1mg/ml) 60mM NaCl, 50mM Tris-HCl pH 8.0 and 1.2M Urea. Protein is >95% pure as determined by 10% SDS-PAGE (coomassie staining).
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**