

BLOT5 Protein, Blomia tropicalis (P.pastoris, His)

Cat. No.:	HY-P76748
Synonyms:	Mite allergen Blo t 5; Allergen: Blo t 5
Species:	Others
Source:	P. pastoris
Accession:	O96870 (Q18-Q134)
Gene ID:	/
Molecular Weight:	Approximately 15.3 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The BLOT5 protein presents the potential to exist in a homodimeric and homotrimeric form. Notably, it is detected in midgut and hindgut contents, as well as in fecal pellets at the protein level. These observations suggest that BLOT5 may play a role in specific physiological processes or cellular activities within the midgut and hindgut regions. The potential presence of BLOT5 in different oligomeric states hints at its structural versatility, raising questions about its functional significance and involvement in molecular interactions. Further investigation is warranted to elucidate the specific functions and molecular mechanisms associated with BLOT5, particularly in the context of midgut and hindgut physiology.
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Caution: Product has not been fully validated for medical applications. For research use only.

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