

OV16 Protein, Onchocerca volvulus (GST)

Cat. No.:	HY-P78691
Synonyms:	OV16; OV-16 antigen
Species:	Others
Source:	HEK293
Accession:	P31729-1 (K17-D197)
Gene ID:	/
Molecular Weight:	Approximately 45 kDa

PROPERTIES

AA Sequence	<p> K I S A E N A N C K K C T P M L V D S A F K E H G I V P D V V S T A P T K L V N V S Y N N L T V N L G N E L T P T Q V K N Q P T K V S W D A E P G A L Y T L V M T D P D A P S R K N P V F R E W H H W L I I N I S G Q N V S S G T V L S D Y I G S G P R K G T G L H R Y V F L V Y K Q P G S I T D T Q H G G N R R N F K V M D F A N K H H L G N P V A G N F F Q A K H E D </p>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.22 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	<p>OV16 Protein, a member of the phosphatidylethanolamine-binding protein family, is localized in the hypodermis, cuticle, and uterus. This protein's distribution across these cellular structures suggests its involvement in diverse physiological functions, potentially related to structural integrity and reproductive processes. The designation within the phosphatidylethanolamine-binding protein family hints at its putative role in lipid-related processes or cellular signaling. The specific localization in the hypodermis and cuticle may imply functions related to structural support or protection,</p>
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while its presence in the uterus suggests a potential role in reproductive biology or embryonic development. The broader implications of OV16 Protein within these cellular contexts underscore its significance in various aspects of cellular and organismal biology.

Caution: Product has not been fully validated for medical applications. For research use only.

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