Datasheet for ABIN7199653

ELAPOR1 Protein (His-Avi Tag,Biotin)

Go to Product page

Overview

Quantity:	200 µg
Target:	ELAPOR1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELAPOR1 protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human ELAPOR1 Protein, His,Avitag™
Sequence:	Thr 42 - Lys 910
Characteristics:	Biotinylated Human ELAPOR1, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Thr 42 - Lys 910 (Accession # Q6UXG2-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	ELAPOR1
Alternative Name:	ELAPOR1 (ELAPOR1 Products)
Background:	Synonyms: ELAPOR1,Endosome-Lysosome Associated Apoptosis And Autophagy Regulator 1,EIG121,KIAA1324, Description: Endosome/lysosome-associated apoptosis and autophagy regulator (ELAPOR1),

Target Details

	also known as EIG121 protein, is a type I transmembrane protein induced by estrogen. It is associated with the endosome-lysosome compartments and may play an important role in autophagy and cell proliferation. Under unfavorable conditions such as starvation and exposure to cytotoxic agents, ELAPOR1 may protect cells from cell death by upregulating the autophagy pathway.
Molecular Weight:	99.0 kDa

Application Details

Application Notes:	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 99.0 kDa. The protein migrates as kDa under reducing (R) condition due to glycosylation.
Comment:	Ready-to-use Avitag™ biotinylated protein: The product is exclusively produced using the Avitag™ technology. Briefly, a unique 15 amino acid peptide, the Avi tag, is introduced into the recombinant protein during expression vector construction. The single lysine residue in the Avi tag is enzymatically biotinylated by the E. Coli biotin ligase BirA. This single-point enzymatic labeling technique brings many advantages for commonly used binding assays. The biotinylation happens on the lysine residue of Avi tag, and therefore does NOT interfere with the target protein's natural binding activities. In addition, when immobilized on an avidin-coated surface, the protein orientation is uniform because the position of the Avi tag in the protein is precisely controlled.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Copyright antibodies-online. All rights reserved.