HUMAN ELAPOR1 (C-6HIS) PROTEIN

Cat.#: 12062

Product Name: Human ELAPOR1 (C-6His) Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: ELAPOR1;ndosome-Lysosome Associated Apoptosis And Autophagy Regulator 1;IG121;IAA1324

Target: ELAPOR1

UNIPROT ID: Q6UXG2

Description: Recombinant Human Endosome/Lysosome-associated Apoptosis and Autophagy Regulator 1 is produced by our Mammalian expression system and the target gene encoding Thr42-Lys910 is expressed with a 6His tag at the C-terminus.

Background: Endosome/lysosome-associated apoptosis and autophagy regulator (ELAPOR1), also known as EIG121 protein, is a type I transmembrane protein induced by estrogen. The estrogen-induced gene 121 (EIG121) has been associated with breast and endometrial cancers,but its mechanism of action remains unknown.May protect cells from cell death by inducing cytosolic vacuolization and upregulating the autophagy pathway. That EIG121 is a good endometrial biomarker associated with a hyperestrogenic state and estrogen-related type I endometrial adenocarcinoma.

Species/Host: HEK293

Molecular Weight: 96.2 KDa

Molecular Characterization: Not available

Purity: Greater than 95% as determined by reducing SDS-PAGE.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

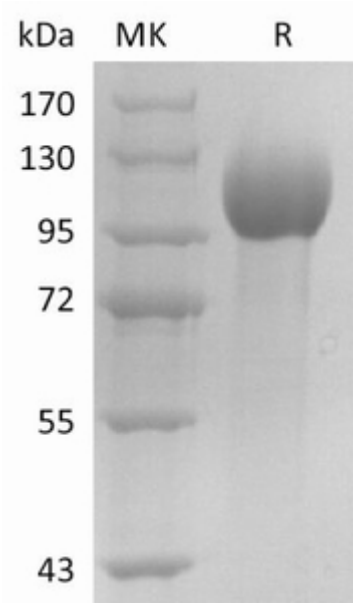

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.