

RPES8060

Product Information

Product SKU:	RPES8060	Expression Host:	E.coli	Size:	20µg
Tag:	N-Trx	Reactivity:	Human	Accession:	Q14457

Additional Information

Calculated MW:	54 kDa	Observed MW:	60 kDa
Sequence:	Thr141-Lys450		

Protein Information

Background: This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants.

Synonyms: APG6, ATG 6, ATG6, ATG6 autophagy related 6 homolog, Bcl-2-interacting protein beclin, Beclin 1 (coiled coil moesin like BCL2 interacting protein), Beclin 1 autophagy related, Beclin-1, Beclin1, BECN 1, Becn1, BECN1, Coiled coil myosin like BCL2 interacting protein, Coiled-coil myosin-like BCL2-interacting protein, GT197, Protein GT197, VPS 30, VPS30

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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