

ATG4D 抗原（重组蛋白）

中文名称：ATG4D 抗原（重组蛋白）

英文名称：ATG4D Antigen (Recombinant Protein)

别名：APG4D; AUTL4; APG4-D

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 334-474 amino acids of human ATG4D

技术规格：

Full name:	autophagy related 4D, cysteine peptidase
Synonyms:	APG4D; AUTL4; APG4-D
Swissprot:	Q86TL0
Gene Accession:	BC007639
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene belongs to the autophagy-related protein 4 (Atg4) family of C54 endopeptidases. Members of this family encode proteins that play a role in the bio

genesis of autophagosomes, which sequester the cytosol and organelles for degradation by lysosomes.