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Product datasheet for TP720575

ATG4C (NM_032852) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ATG4 autophagy related 4 homolog C (S. cerevisiae) (ATG4C), transcript variant 7
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Leu458
Tag:	C-His
Predicted MW:	53.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per μ g protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 116241</u>
Locus ID:	84938
UniProt ID:	<u>Q96DT6, A0A384MTY5</u>
Cytogenetics:	1p31.3
Synonyms:	APG4-C; APG4C; AUTL1; AUTL3



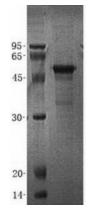
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GRIGENE ATG4C (NM_032852) Human Recombinant Protein – TP720575

Summary: 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 encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq, Jul 2008]

Protein Families:	Protease
Protein Pathways:	Regulation of autophagy

Product images:



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