

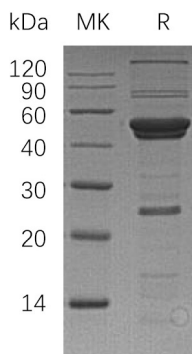
Product Name: Recombinant Human ATG4A (N-6His)
Catalog #: PEH0111



概述 (Summary)

英文全称	ATG4A
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Autophagy Related 4 Homolog A is produced by our E.coli expression system and the target gene encoding Met1-Val398 is expressed with a 6His tag at the N-terminus.
Accession #	Q8WYN0
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	47.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Cysteine Protease ATG4A; AUT-Like 2 Cysteine Endopeptidase; Autophagin-2; Autophagy-Related Cysteine Endopeptidase 2; Autophagy-Related Protein 4 Homolog A; hAPG4A; ATG4A; APG4A; AUTL2

背景介绍 (References)

Cysteine Protease ATG4A (ATG4A) is a cytoplasmic protein that belongs to the peptidase C54 family. ATG4A is widely expressed in many tissues at a low level, but the highest expression is observed in skeletal muscle and brain. ATG4A is a cysteine protease required for autophagy; it cleaves the C-terminal part of MAP1LC3, GABARAPL2 or GABARAP. ATG4A is inhibited by N-ethylmaleimide. It is suggested that ATG4A has a significant role in suppressing various cancers.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.