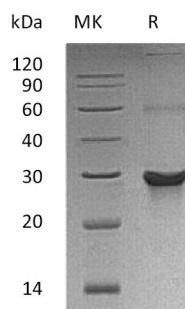


Product Name: Recombinant Human ATG10 (C-6His, N-T7 tag)
Catalog #: PEH0109

概述 (Summary)

英文全称	ATG10/Ubiquitin-like-conjugating enzyme ATG10
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 10 Homolog is produced by our E.coli expression system and the target gene encoding Met1-Thr190 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.
Accession #	Q9H0Y0
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	24.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 8% Sucrose, 20% Glycerol, 0.02% Tween 80, 3mM TCEP, pH 8.5.
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)

Ubiquitin-Like-Conjugating Enzyme ATG10; Autophagy-Related Protein 10; APG10-Like; ATG10

背景介绍 (References)

Ubiquitin-Like-Conjugating Enzyme ATG10 (ATG10) is a ubiquitous 28kDa member of the ATG10 family protein. ATG10 acts as an E2-like enzyme, catalyzes the transfer of ATG12 to ATG5 during in the initial stages of autophagosome formation. The heterodimer of ATG5 and ATG12 subsequently associates non-covalently with an ATG16 multimer to generate an autophagosome. ATG10 plays a role in the conjugation of ATG12 to ATG5 by interaction with MAP1LC3A. In addition, ATG10 can directly interact with ATG5 or ATG7.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.