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ATG3, 1-314aa, Human, His tag, E.coli

产品货号: TP01263

第三版

别名: Ubiquitin-like-conjugating enzyme ATG3 isoform 1, APG3, APG3-LIKE, APG3L, PC3-96

描述: Ubiquitin-like-conjugating enzyme ATG3 isoform 1, also known as ATG3, is an E2-like enzyme that localizes to the cytoplasm and is expressed in a variety of tissues with predominant levels found in kidney, placenta, liver, heart and skeletal muscle. ATG3 catalyzes the formation of the Atg8-phosphatidylethanolamine (ATG-PE) conjugate, a reaction that is essential for autophagy. Recombinant human ATG3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

分子量: 38.3 kDa (337aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHH CPTWQ
WATGEELKVKAYLPTGKQFLVTKNVPCYKRCKQMEYSDELEAIIIEDDGGWVDYHNTGITGITEAVKEITLENKDNI
RLQDCSALCEEEDEDEGEAADMEEYEESGLLETDEATLDRKIVEACKAKTDAGGEDAILQTRTYDLYITYDKYYQTPRL
WLFQYDEQRQPLTVEHMYEDISQDHVKKTVTIENHPLPPPMCSVHPCRHAEMKIIETVAEGGGELGVHMYLLIFL
KQVQAVIPTIEYDYTRHFTM

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.