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ATG5, 1-275aa, Human, His tag, E.coli

产品货号: TP01265

第三版

别名:Autophagy protein 5, APG5, APG5-LIKE, APG5L, ASP, hAPG5.

描述:Autophagy protein 5, also known as ATG5, belongs to the autophagy-related (ATG) genes family. Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of bulk cytoplasmic contents. ATG5 protein is required for autophagy.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 0.2M NaCl

分子量:34.6 kDa (295aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMTDDKDVLRDVWFGRIPTCFTLYQDEITEREAEPYLLLPVSYLTLVTDKVKKHFQKV
MRQEDISEIWFYEGTPLKWHYPIGLLFDLLASSSALPWNITVHFKSFPEKDLLHCPSKDAIEAHFMSCMKEADALKHKSQV
INEMQKKDHKQLWMGLQNDRFDQFWAINRKLMEYPAEENGFYIPFRIYQTTTERPFIQKLFPRVAADGQLHTLGDLLK
EVCPSAIDPEDGEKKNQVMIHGIEPMLETPLQWLSEHLSYPDNFLHISIIPQPTD

纯度:> 95% by HPLC

浓度:0.25 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.