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NIT2, 1-276aa, Human, His tag, E.coli

产品货号: TP03160

第三版

别名:Omega-amidase NIT2, Nitrilase homolog 2

描述:Omega-amidase NIT2, also known NIT2, belongs to the nitrilase superfamily. This protein has an omega-amidase activity. The role of omega-amidase is to remove potentially toxic intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively. Also Nit2, which is widely distributed in nature, has been suggested to be a tumor suppressor protein.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量:33 kDa (299aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMTSFRLALIQLQISSIKSDNVTRACSFIREAATQGAKIVSLPECFNSPYGAKYFPEYAE  
KIPGESTQKLSEVAKECSIYLLIGGSIPEDAGKLYNTCAVFGPDGTLLAKYRKIHLFDIDVPGKITFQESKTLSPGDSFSTFDTP  
YCRVGLGICYDMRFAELAQIYAQRGCQLLVYPGAFNLTTGPAHWELLQRSRAVDNQVYVATASPARDDKASYVAWGHS  
TVVNPWGEVLAKAGTEEAIVYSDIDLKLAIEIRQQIPVFRQKRSDLYAVEMKKP

纯度:> 95% by HPLC

浓度:1 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.