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BPHL, 38-291aa, Human, His tag, E.coli

产品货号: TP01361

第三版

别名:Valacyclovir hydrolase, BPH-RP, MCNAA, VACVASE.

描述:BPHL is a Serine hydrolase which Belongs to the AB hydrolase superfamily. This family catalyzes the hydrolytic activation of amino acid ester prodrugs of nucleoside analogs such as valacyclovir and valganciclovir. This protein is expressed at high levels in liver and kidney and at lower levels in heart, intestine and skeletal muscle.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl

分子量:31.1kDa (275aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSVTSKVAVNGVQLHYQQTGEGDHAVLLLPGMLGSGETDFGPQLKLNLNKKLFTVVA
WDPRGYGHSRPPDRDFPADFFERDAKDAVDLMKALKFKKVSLLGWSDGGITALIAAAKYPYIHKMVIWGANAYVTDED
SMIYEGIRDVSKWSERTRKPLEALYGYDYFARTCEKWVDGIRQFKHLPDGNICRHLLPRVQCPALIVHGEKDPLVPRFHA
DFIHKHVKGSRLHLMPEGKHNLHLRFADEFNKLAEDFLQ

纯度:> 95% by HPLC

浓度:0.5mg/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.