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ASP, 1-313aa, Human, E.coli

产品货号: TP01250

第三版

别名:ACY2, ASP

描述:ASP, also known as aspartoacylase, is expressed in liver, lung and kidney tissue, as well as in skeletal muscle and in cerebral white matter. Existing as a homodimer, ASP functions to catalyze the deacetylation of N-acetylaspartic acid (NAA) (a protein whose hydrolysis is crucial to maintenance of intact white matter) to produce acetate and L-aspartate. Recombinant human ASP, was expressed in E.coli and purified by conventional chromatography techniques.

配方:Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol

分子量:35.7 kDa (313 aa)

序列:

MTSCHIAEEHIQKVAIFGGTHGNELTGVFLVKHWLENGAEIQRTGLEVKPFITNPRAVKKCTRYIDCDLNRIFDLENLGKK
MSEDLPYEVRRRAQEINHLFGPKDSEDSYDIIFDLHNTTNSMGCTLILEDNRNLIQMFHYIKTSLAPLPCYVYLIEHPSLKYA
TTRSIKYPVGIQVGPQPGVLRADILDQMRKMIKHALDFIHHFNEGKEFPPCAIEVYKIIKVDYPRDENGEIAAIIHPNLQ
DQDWKPLHPGDPMFLTLDGKTIPLGGDCTVYPVVFVNEAAYYEKKEAFAKTTKLTNAKSIRCCCLH

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.