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HEXA, 23-529aa, Human, His tag, Insect cell

产品货号: TP02438

第三版

别名: Beta-hexosaminidase subunit alpha preproprotein, TSD

描述: HEXA, also known as beta-hexosaminidase subunit alpha preproprotein, is an enzyme, located on the 15th chromosome. Hexosaminidase A and the cofactor GM2 activator protein catalyze the degradation of the GM2 gangliosides and other molecules containing terminal N-acetyl hexosamines. Hexosaminidase A is a heterodimer composed of an alpha subunit and a beta subunit. Recombinant human HEXA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In phosphate buffered saline (pH7.4).

分子量: 59.2kDa (513aa) 50-70kDa (SDS-PAGE under reducing conditions.)

序列:

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LWPWPQNFQTS DQRYVLYPNFQFQYDVSSAAQPGCSVLDEAFQRYRDLLFGSGSWPRPYLTGKRHTLEKNVLVSVVT  
PGCNQLPTLESVENYTLTINDDQCLLLSETVWGALRGLETFSQLVWKS AEGTFFINKTEIEDFPRFPHRGLLLDTSRHYLPLS  
SILDTLDMAYNKLNVFHWHLVDDPSFPYESFTFPELMRKGSYNPVTHIYTAQDVKEVIEYARLRGIRVLAEFDTPGHTLS  
WGP GIPGLLTPCYSGSEPSGTFGPVNPSLNNTYEFMSTFFLEVSSVFPDFYLHLGGDEVDFTCWKS NPEIQDFMRKKGFGED  
FKQLESFYIQTL LDIVSSYGKGYVWQEVFDNKVKIQPDTIIQVWREDIPVNYMKELELVTKAGFRALLSAPWYLNRI SYGP  
DWKDFYIVEPLAFEGTPEQKALVIGGEACMWGEYVDNTNLV PRLWPRAGAVAERLWSNKL TSDLTFAYERLSHFRCCELL  
RRGVQAQPLNVGFCEQEFEQTHHHHHH
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纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.