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BTD, 44-545aa, Human, His-tag, Baculovirus

产品货号: TP01373

第三版

别名:Biotinidase isoform 1, BTD, biotinidase

描述:BTD, also known as biotinidase isoform 1, is a member of the nitrilase superfamily, which consists of 12 families of nitrilases, amidases, carbamylases, and N-acyltransferases. It catalyzes the hydrolysis of biocytin, the product of biotin-dependent carboxylase degradation, to biotin and lysine. It may have an important regulatory role in chromatin/DNA function. Recombinant human BTD, 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 (pH 7.4) containing 10% glycerol.

分子量:57.8kDa (510aa), 50-70kDa (SDS-PAGE under reducing conditions)

序列:

AHTGEESVADHHEAEYYVAAYVEHPSILSLNPLALISRQEALELMNQNLDIYEQQVMTAAQKDVQIIVFPEDGIHGFNFTR
TSIYPFLDFMPSPQVVRWNPCLEPHRFNDTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCPKDGRYQFNTNVVFSN
NGTLVDRYRKHNLIFYEAAFVPLKVDLITFDTPFAGRFGIFTCFDILFFDPAIRVLRDYKVKHV VYPTAWMNQLPLLAIEI
QKAFAVAFGINVLAANVHHPVLGMTGSGIHTPLESFWYHDMENPKSHLIIAQVAKNPVGLIGAENATGETDPSHSKFLKI
LSGDPYCEKDAQEVHCDEATKWNVNAPPTFHSEMMYDNFTLVPVWGKEGYLHVCSNGLCCYLLYERPTLSKELYALGV
FDGLHTVHGTYIYQVCALVRCGGLGFDTGCGQEITEATGIFEFHLWGNFSTSYIFPLFLTSGMTLEVPDQLGWENDHYFLR
KSRLSSGLVTAALYGRLYERDLEHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/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.