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Cndp1, 1-492aa, Mouse, His-tag, Baculovirus

产品货号: TP01659

第三版

别名: Beta-Ala-His dipeptidase, Cndp1, A1746433, Cn1.

描述: Cndp1, as known as beta-Ala-His dipeptidase, is a member of the M20 metalloprotease family. In human, this protein is secreted from the liver into the serum. In other mammals, including rodents, it is expressed exclusively within the kidney and lacks a signal peptide. Also, it is a secreted homodimeric dipeptidase that specifically hydrolyzes L-carnosine, and is identified as human carnosinase expressed in the brain. Recombinant mouse Cndp1, 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: 56.1kDa (500aa), 50-70kDa (SDS-PAGE under reducing conditions)

序列:

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MFSSAHSGLLEKLFHYIDLHQDEFVQTLKEWVAIESDSVQVPRLRQKLFQMMALAADKLRNLGAGVESIDLGSQQMPD  
GQSLPIPPILLAELGSDPEKPTVCFYGHLDVQPAQKDDGWLTDPYTLTEVDGKLYGRGATDNKGPVLAWINAVSTFRALQ  
QDLPVNIKLILEGMEEAGSIALEELVMREKDHFFSSVDYIVISDNLWLSQRKPALTYGTRGNCYFTVEVKCRDQDFHSGTF  
GGILNEPMADLVALLGSLVDSSGHILIPGIYDQMAPITEGEKTMYNIDMDLEEYQININQVEKFLFDTKEELLMHLWRYP  
LSIHGIEGAFDEPGTKTVIPGRVLGKFSIRLVPTMSPSVVEKQVTQHLEAVFSKRNSFNKMAVSMVLGLHPWTANVNDTQ  
YLAAQRTIKTVFGVNPDMIRDGSTIPIAKIFQAITQKSVMMMLPLGAVDDGEHSQNEKINRWNYIQGSKLFAAFFLELSKQH  
SGHQMPSSVYLEHHHHHHH
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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.