

CNDP Dipeptidase 1 Mouse Recombinant

Item Number	rAP-1490
Synonyms	Beta-Ala-His dipeptidase, CNDP dipeptidase 1, Carnosine dipeptidase 1.
Description	CNDP1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 500 amino acids (1-492 a.a.) and having a molecular mass of 56.1kDa (Molecular size on SDS-PAGE will appear at
Uniprot Accession Number	Q8BUG2
Amino Acid Sequence	MFSSAHSGLL EKLFHYIDLH QDEFVQTLKE WVAIESDSVQ PVPRLRQKLF QMMALAADKL RNLGAGVESI DLGSQQMPDG QSLPIPPILL AELGSDPEKP TVCFYGHLDV QPAQKDDGWL TDPYTLTEVD GKLYGRGATD NKGPVLAWIN AVSTFRALQQ DLPVNIKLIL EGMEEAGSIA LEELVMREKD HFFSSVDYIV ISDNLWLSQR KPALTYGTRG NCYFTVEVKC RDQDFHSGTF GGILNEPMAD LVALLGSLVD SSGHILIPGI YDQMAPITEG EKTMYKNIDM DLEEQNINQ VEKFLFDTKE ELLMHLWRYP SLSIHGIEGA FDEPGTKTVI PGRVLGKFSI RLVPTMSPSV VEKQVTQHLE AVFSKRNSFN KMAVSMVLGL HPW-
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	CNDP1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**