

Mouse CNDP1 Recombinant Protein



RPPB1500

Product Information Protein Information

Product SKU:

RPPB1500

Accession:

Q8BUG2

Host:

Sf9, Baculovirus cells.

Protein 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 approximately 50-70kDa). CNDP1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Beta-Ala-His dipeptidase, CNDP dipeptidase 1, Carnosine dipeptidase 1.

Formulation:

CNDP1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MFSSAHSGLL EKLPHYIDLH QDEFVQTLKE WVAIESDSVQ PVPRLRQKLF QMMALAADKL RNLGAGVESI
DLGSQQMPDG QSLPIPPILL AELGSDPEKP TVCFYGHLDV QPAQKDDGWL TDPYTLTEVD GKLYGRGATD
NKGVLAWIN AVSTFRALQQ DLPVNIKILIL EGMEEAGSIA LEELVMREKD HFFSSVDYIV ISDNLWLSQR
KPALTYGTRG NCYFTVEVKC RDQDFHSGTF GGILNEPMAD LVALLGSLVD SSGHILIPGI YDQMAPITEG
EKTMYKNIDM DLEEQNINQ VEKFLFDTKE ELLMHLWRYP SLSIHGIEGA FDEPGTKTVI PGRVLGKFSI
RLVPTMSPSV VEKQVTQHLE AVFSKRNSFN KMAVSMVLGL HPWTANVNDT QYLAAQRTIK TVFGVNPDMI
RDGSTIPIAK IFQAITQKSV MMLPLGAVDD GEHSQNEKIN RWNVIQGSKL FAAFFLELSK QHSGHQMPSS
VYLEHHHHHH.