32-2224: CNDP2 Recombinant Protein

Alternative Name : Cytosolic non-specific dipeptidase,CNDP dipeptidase 2,CN2,CPGL,HsT2298,PEPA,Glutamate carboxypeptidase-like protein 1,Peptidase A.

Description

Source : Escherichia Coli. CNDP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 498 amino acids (1-475) and having a molecular mass of 55.3 kDa. CNDP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CNDP Dipeptidase 2 (CNDP2), is a cytosolic, non-specific dipeptidase which is a part of the peptidase M20A protein family. CNDP2 is a secreted peptidase homologous to M20 peptidases. CNDP2 expresses through all adult and fetal tissue, though, an isoform missing exons 3 and 4 expresses in all fetal tissue in adult liver. Over expression of CPGL-B in hepatocellular carcinoma cells results in significant inhibition of HC cell viability, colony formation, cell invasiveness and tumor configuration.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The CNDP2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMAALTTL FKYIDENQDR YIKKLAKWVA IQSVSAWPEK RGEIRRMMEV AAADVKQLGG SVELVDIGKQ KLPDGSEIPL PPILLGRLGS DPQKKTVCIY GHLDVQPAAL EDGWDSEPFT LVERDGKLYG RGSTDDKGPV AGWINALEAY QKTGQEIPVN VRFCLEGMEE SGSEGLDELI FARKDTFFKD VDYVCISDNY WLGKKKPCIT YGLRGICYFF IEVECSNKDL HSGVYGGSVH EAMTDLILLM GSLVDKRGNI LIPGINEAVA AVTEEEHKLY DDIDFDIEEF AKDVGAQILL HSHKKDILMH RWRYPSLSLH GIEGAFSGSG AKTVIPRKVV GKFSIRLVPN MTPEVVGEQV TSYLTKKFAE LRSPNEFKVY MGHGGKPWVS DFSHPHYLAG RRAMKTVFGV EPDLTREGGS IPVTLTFQEA TGKNVMLLPV GSADDGAHSQ NEKLNRYNYI EGTKMLAAYL YEVSQLKD.