

Calnexin, 21-481 aa, Human, Recombinant, E.coli

Cat.NO.: TP01408

3th Edition

Synonyms:CNX, IP90, P90, CANX.

Description:Calnexin, also known as IP90, p88 and p90, is a member of the calnexin family of molecular chaperones. This protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT and 20% glycerol

Molecular Weight:52.5 kDa (462aa)

Sequences:

MHDGHDDDDVIDIEDDLDDVIEEVEDSKPDTTAPPSSPKVITYKAPVPTGEVYFADSFDRGTLSGWILSKAKKDDTDDE
IAKYDYGKWEVEEMKESKLPDGKGLVLMSSRAKHHAISAKLNKPFDFTKPLIVQYEVNFQNGIECGGAYVKLLSKTPE
LNLDQFHDKTPYTIMFGPDKCGEDYKLFHFRHKNPKTGIYEEKHAKRPDADLKYFTDKKTHLYTLILNPDNSFEILV
DQSVVNSGNLLNDMTPPVNPSREIEDPEDRKPEDWDERPKIPDPEAVKPDDEWEDAPAKIPDEEATKPEGWLDDE
PEYVPDPDAEKPEDWDEDMDGEWEAPQIANPRCESAPGCGVWQRPVIDNPNYKGGKWKPPMIDNPSYQGIWKPR
KIPNPDFFEDLEPFRMTPFSAIGLELWSMTSDIFFDNFIICADRRIVDDWANDGWGLKKAADGAAEPGVVGMIEAA
EERP

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.